

GenCore version 5.1.3
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OM nucleic - protein search, using frame-plus-n2p model

Run on: February 13, 2003, 21:16:38 ; Search time 14 Seconds
(without alignments)

Title: US-09-659-379-4
Perfect score: 993
Sequence: 1 CCGGGATCCGAAATCT.....GAAGAGCACTCGAGCCGGTC 558

Scoring table: BLOSSUM62

Xgapext	10.0	Xgapext	0.5
Ygapop	10.0	Ygapext	0.5
Fgapop	6.0	Fgapext	7.0
DelOp	6.0	Deletx	7.0

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 525148

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Command line parameters:

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-C-/cpn2.1/USPTO.spool/US9659379/runat_12022003_150618_29463/app_query.fasta_1.711
-DB/Issued_Patents_AA -QFMFFastaa -SUFFIX=.rai -MINMATCH=0.1 -LOOPCL=0
-LOOKUP=0 -UNITS=bits
-LIST=45 -DCALIGN=200 -THR SCORE=pct -THR MAX=100 -THR MIN=0 -ALIGN=15
-MODE=LOCAL -OUTFMT=pfo -NORM=exc -HEAPSIZE=500 -MINLEN=0 -MAXLEN=2000000000
-NO_XLPXY -NO_MNP -LARGEQUERY -NEG SCORES=0 -WAIT -LONGLOG -DEV TIMEOUT=120
-WARN_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6 -FGAPEXT=7
-YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7
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Database : Issued_Patents_AA:
1: /ogn2.6/ptodata/2/iaa/5A_COMBO.pep:
2: /ogn2.6/ptodata/2/iaa/5B_COMBO.pep:
3: /ogn2.6/ptodata/2/iaa/6A_COMBO.pep:
4: /ogn2.6/ptodata/2/iaa/6B_COMBO.pep:
5: /ogn2.6/ptodata/2/iaa/PCUTS_COMBO.pep:
6: /ogn2.6/ptodata/2/iaa/backfiles.pep:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match Length	DB ID	Description
1	819	82.5	174	2 US-08-01-530A-2	Sequence 2, Appli
2	819	82.5	174	2 US-08-01-530A-2	Sequence 2, Appli
3	819	82.5	175	1 US-08-01-530A-2	Sequence 6, Appli
4	525	52.9	175	2 US-08-01-530A-3	Sequence 3, Appli
5	525	52.9	175	2 US-08-01-530A-3	Sequence 3, Appli
6	491	49.4	175	2 US-08-01-530A-4	Sequence 2, Appli
7	491	49.4	175	2 US-08-01-530A-4	Sequence 4, Appli
8	491	49.4	175	2 US-08-01-530A-4	Sequence 4, Appli
9	491	49.4	175	2 US-08-01-530A-4	Sequence 3, Appli
10	485	48.8	174	1 US-07-01-530A-5	Sequence 7, Appli
11	485	48.8	174	1 US-08-01-530A-6	Sequence 4, Appli
12	485	48.8	174	2 US-08-01-530A-6	Sequence 7, Appli

ALIGNMENTS

RESULT 1
US-08-01-530A-2
Sequence 2, Application US/08401530A
Patent No. 5834590
GENERAL INFORMATION:
APPLICANT: Pittenger, Aaron I.
APPLICANT: Rafaelloff, Ronit
APPLICANT: Rosenberg, Lawrence
APPLICANT: Duguid, William P.
TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20001-4597

COMPATIBLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/401,530A
FILING DATE: 22-FEB-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32,141
REFERENCE/DOCKET NUMBER: 00570-48743
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299



INFORMATION FOR SEQ ID NO: 2:
 LENGTH: 174 amino acids
 TYPE: amino acid
 TOPOLOGY: Linear
 MOLECULE TYPE: protein
 US-08-401-530A-2

Alignment Scores:
 Pred. No.: 4.62e-91 Length: 174
 Score: 819.00 Matches: 149
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 82.48% Indels: 0
 DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-401-530A-2 (1-174)

QY 12 GAGAAATCTCAANGAAACTGGCTTCTCACGATAACCTGTCCTCAAAGGCTCTGTAGCC 71
 26 GluGluSerGlnLysLysLeuuposerSerArgIlethrCysProGlnGlySerValAla 45

Db 72 TAGGGCTCATGGCTATGATACGATATTGATACCACAGACTGGCTTAATGGAGAACTA 131
 46 TyrGlySerTyrCysTyrSerLeuIleProGlnThrLeuIleProGlnThrSerAsnAlaGluIeu 65

QY 132 TCTGCCAGATGCATTTCAGGACACCTGGCATTTCTCTCATGACTCTGTGAATTAC 191
 Db 66 SercysGlnMetHisPheSerGlyHisLeuAlaphLeuSerThrGlyGluIleThr 85

QY 192 TTGNGTCCCTCCCTGTGAGAACAGTTGACCGCCTACCAAGTACATCTGGATGGACTC 251
 Db 86 PheAlaSerSerLeuValIysAsnSerIeuthAlaIatYGLinYrIleu 105

QY 252 CATGATCCCTCACATGGTACACTACCAACGGAACTGGATGGAGCTGGAGCTTCCAT 311
 Db 106 HisAspProSerHisGlyThrLeuProAsnGlySerGlyTrpSerSerSerAsn 125

QY 312 GTGCTGACCCNTCTATAACTGGAGAGAACCCNCTATGCTGTGACCGTGGTTATGT 371
 Db 126 ValIeuthPhyTrpAsnTrpGlyArgAsnProSerIeuthAlaAlaAspArgGlyTyrCys 145

QY 372 GCAGTTTGCTCTACAAATCAGGTTTCAGAAGTGGAGATTTAAFTGTGAAATAG 431
 Db 146 AlanylLeuSerGlnLysserGlySerGlyPheGlnLysIlePheAsnGlu 165

QY 432 CTTCCCTATATCTGCAAATTCAAGGTC 458
 Db 166 LeuProTyrlleCysLysSphelysVal 174

RESULT 2
 US-08-709-662-2
 Sequence 2, Application US/08709662
 Patent No. 5840531

GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron I.
 APPLICANT: Pittenger, Gary L.
 APPLICANT: Rafaeloff, Ronit
 APPLICANT: Rosenberg, Lawrence
 APPLICANT: Duguid, William P.
 TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Banner & Witcoff, Ltd.
 STREET: 1001 G Street, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: US
 ZIP: 20001-4597
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible

[Handwritten signatures and initials over the sequence alignment]

TITLE OF INVENTION: INCAP IN BACTERIAL AND EUKARYOTIC CELLS
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Banner & Witcoff, Ltd.
 STREET: 1001 G Street, N.W.
 CITY: Washington
 STATE: DC
 COUNTRY: USA
 ZIP: 20001
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/909,725
 FILING DATE: 12-AUG-1997
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/741,096
 FILING DATE: 30-OCT-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A
 REGISTRATION NUMBER: 32,145
 REFERENCE/DOCKET NUMBER: 0570.05173
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-508-9100
 TELEFAX: 202-508-9299
 TELEX: 97430 BMB UT
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 175 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-909-725-6

Alignment Scores:
 Pred No.: 4 -6.3e-91 Length: 175
 Score: 819.00 Matches: 149
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 8.2-48% Indels: 0
 DB: 1 Gaps: 0

US-09-659-379-4 (1-558) x US-08-909-725-6 (1-175)

QY 12 GAAATAATCUCAAAAGAAACTGGCTTCTCACGTTAACCTGTCTCAAGGCTG
 Dbs 27 GluGluSerGlnLysLeuProSerArgIleThrCysProGlySerV

QY 72 TATGGTCCTATGCTATTCACGTATTGATAACACAGCCACGNGCTTAATGCAG
 Db 47 TyrGlySerTyrCystySerLeuIleLeuIleProGlnThrPheAsnAlaG

QY 132 TCCGCCAGATGGCATTTCTCAGGACACCAGGATTCTCACTACTCGTTGAA
 Db 67 SerCysGlnMethIlePheSerGlyHisLeuAlaPheLeuLeuSerThrGlyGlu

QY 192 TTCTGTCTCTCCCTTGTAAGAAAGTGTGACGCCCTACCGAACATCGGCTG
 Db 87 PheValSerSerLeuValLysAsnSerLeuThrAlaTyrGlnIlePhePheG

QY 252 CATGATCCCTCACATGGTACACTAACCAACGGAGTGGATGGAAGTGGACAGT
 Db 107 HisAspProSerGlyIleLeuProAsnGlySerGlyTyrPheTrpSerSerS

QY 312 GTGCTGACCCCTCTATAACTGGGAGGAACCCCTCTATGCTGCTGACCGTGGTT
 Db 127 ValLeuThrPheTyrAsnTrpGluArgAsnProSerIleAlaAspArgGlyT

QY 372 GCAGTTTGTCTCAGAAATCAGGTTTCAAGTGGAGATTTAATGTGAAA

147 AlvalleUserGinlyssSerglyPheGlnlystrpargaspheAsnCysGluasnGlu 166

Db US-08-401-530A-3
 Sequence 3, Application US/08401530A
 Patent No. 5834510

GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron I.
 APPLICANT: Pittenger, Gary L.
 APPLICANT: Rafaeloff, Ronit
 APPLICANT: Rosenberg, Lawrence
 APPLICANT: Duguid, William P.

TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC ISLET NEOGENESIS

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Banner & Allegretti
 STREET: 1001 G Street, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: US

ZIP: 20001-4597

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/401,530A
 FILING DATE: 22-FEB-1995
 CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A.
 REGISTRATION NUMBER: 32,141
 REFERENCE/DOCKET NUMBER: 00570.48743

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-508-9299
 TELEFAX: 202-508-9299

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:
 LENGTH: 175 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 ANTI-SENSE: NO

ORIGINAL SOURCE:
 ORGANISM: Rattus rattus

US-08-401-530A-3

Alignment Scores:
 Pred. No.: 2.23e-55 Length: 175
 Score: 525.00 Matches: 87
 Percent Similarity: 78.91% Conservative: 29
 Best Local Similarity: 59.18% MisMatches: 31
 Query Match: 52.87% Indels: 0
 DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-401-530A-3 (1-175)

Qy 1.2 GAAGAACATCAAAGAAACTGGCTTCAGTAAACCTGTCCAAAGGCCTGTAGCC 71
 |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
 27 GluaspSerProlysIleProSerAlaArgIleSerCysProlysGlySerGlnAla 46

Qy 72 TATGGCTCATGCTATTCACTGATTGATAACACAGACCTGGCTTAATGAGAACTA 131
 |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
 47 TyrGlySerTyrCysSystYalaLeuPheGlnThrProGlnThrProAspAlaGluLeu 66

Qy 132 TCTGCCAGATGAACTTCAGAACCTGGATTCAGTACTGGAAATTAC 191

Percent Similarity: 78.91%
 Best Local Similarity: 59.18%
 Query Match: 52.87%
 DB: 29
 Gaps: 0

US-09-659-379-4 (1-558) x US-08-709-662-3 (1-175)

Qy 12 GAAGAACTCAAAAACGTGCTTCACCTGAGCTCAGTGGCTCTGAGCTAACTGCTCTGAAGGCCTCTGTAGCC 71
 Db 27 GluAspSerProLysSileProSerAlaArgIleSerGlnAla 46

Qy 72 TATGGGCTCATATGCTATTACTGATTTGATACCAAGACCTGGTTATATCGACA 131
 Db 47 TyrGlySerTyrCystAlaLeuPheGlnIleProGlnThrTrpHeAspAlaGluLeu 66

Qy 132 TCCTGCCAGATGCCATTCTGAGAACGTTGACGGCTTACACAGTCTGGATTGGACTC 191
 Db 67 AlaCysGlnLysArgProlGlyHisLeuValSerValAlaGluAlaSer 86

Qy 192 TCGTGTCCTCCCTTGTGAAGAACGTTGACGGCTTACACAGTCTGGATTGGACTC 251
 Db 87 PheLeuAlaSerMetValIysAnThrGlyAspSerTyRglntYlIlePrgIyLeu 106

Qy 252 CATGATCCOTCACATGGTACACTACCCACGGAAAGTGGCAGTTCCAAAT 311
 Db 107 HisAspProThrLeuGlyGluProAsnGlyGlyTrpIleUtpSerAsnAsp 126

Qy 312 GTGGTGACCTTCATGGAGAGAACCCCTCATGGCTGTGCGTATTGTGAG 371
 Db 127 IleMetAsnTyValAsnDnpGluArgAsnProSerThrAlaLeuAsp 146

Qy 372 GCAGTTTCCTCTAGAAATCAGGGTTTCAGAAACTGGAGAGATTAAATTGTGAAATGAG 431
 Db 147 GlySerLeuSerArgSerGlyPheLeuArgTrpArgAsnProSerThrAspThrCysGluValIys 166

Qy 432 CTTCCTTATATCCTCAAATTC 452
 Db 167 LeuProTyryValCysLysPhe 173

RESULT 5
 ; Sequence 3, Application US/08709662
 ; Patent No. 5840531

GENERAL INFORMATION:
 / APPLICANT: Vink, Aaron I.
 / APPLICANT: Pittenger, Gary L.
 / APPLICANT: Rafaeloff, Ronit
 / APPLICANT: Rosenberg, Lawrence
 / APPLICANT: Duguid, William P.
 TITLE OF INVENTION: INCAP PROTEIN INVOLVED IN PANCREATIC
 TITLE OF INVENTION: ISLET NEOGENESIS
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Banner S. Witcoff, Ltd.
 STREET: 1001 G Street, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: US

ZIP: 20001-4597

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/709,662
 FILING DATE: 09-SEP-1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A.
 REGISTRATION NUMBER: 32,141
 REFERENCE/DOCKET NUMBER: 00570.59178
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-508-9100
 TELEFAX: 202-508-9299
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 175 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Rattus rattus

US-08-709-662-3
 Alignment Scores:
 -Prod. No.: 2.23e-55 Length: 175
 Score: 525.00 Matches:

Conservative: 29
 Mismatches: 31
 Indels: 0

RESULTS 6
 US-08-464-637-2
 ; Sequence 2, Application US/08464637
 ; Patent No. 583424
 ; GENERAL INFORMATION:
 / APPLICANT: Iovanna, Juan-Lucio
 / APPLICANT: Dagorn, Jean-Charles
 / APPLICANT: Keim, Volker
 / APPLICANT: Sarles, Jacques
 / TITLE OF INVENTION: Detection of Pancreatitis-Associated
 / Protein for Diagnosis of Cystic Fibrosis or Pancreatic
 / Disease (as amended).
 / NUMBER OF SEQUENCES: 2
 / CORESPONDENCE ADDRESS:
 / ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
 / STREET: P.O. Box 747
 / CITY: Falls Church
 / STATE: Virginia
 / COUNTRY: USA
 / ZIP: 22040-3487
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC DOS/MS-DOS
 / SOFTWARE: Patentin Release #1.0, Version #1.30
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/464,637
 / FILING DATE: 30-AUG-1995
 / CLASSIFICATION: 435
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Murphy Jr., Gerald M.
 / REGISTRATION NUMBER: 28,977
 / REFERENCE/DOCKET NUMBER: 2121-107P
 / TELECOMMUNICATION INFORMATION:
 /

TELEPHONE: 703-205-8000
 TELEFAX: 703-205-8000
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 175 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-464-637-2

Alignment Scores:
 Pred. No.: 2.98e-51 Length: 175
 Score: 491.00 Matches: 82
 Percent Similarity: 77.55% Conservative: 32
 Best Local Similarity: 55.78% Mismatches: 33
 Query Match: 49.45% Indels: 0
 DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-464-637-2 (1-175)

Qy 12 GAAGAACTCTAAAAGAAACTGCGCTCTTCAACGTATAACCTGTCCTCAAGGCTCTGTAGCC 7.1
 Db 27 GluGluProGlnArgGluLeuProSerAlaArgIleArgCysProLysGlySerLysAla 4.6

Qy 72 TATGGGTCTATTGTCTTCACTGATTTCATGCCACGCTCTAATGCCAGAACTA 13.1
 Db 47 TyrGlySerHisCystYraAlaLeuPheLeuSerProLysSerIleTrpAspLeu 6.6

Qy 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTCAGTACTGGTGAATTAC 19.1
 Db 67 AlacysGlnLysArgProserGlyAsnLeuValSerValleSerGlyAlaGluGlySer 8.6

Qy 192 TCGTGTCTCCCTGTGAGAACACAGTTACGGCTTACCAAGTACATGGATGGACNC 25.1
 Db 87 PheValSerSerLeuValLysSerIleGlyAsnSerThrSerIleGlyLeu 10.6

Qy 252 CATGATCCCTCACATGCCATCACTACCCAACGGAACTGGGAACTGGGACTGGCAGTCCCAAT 3.11
 Db 107 HisAspProThrGlyLysGluProAspGlyLysGluTrpGlyAspProserSerAsp 12.6

Qy 312 GGGTGTGACCTCTATAACTGGGAGGAAACCCCTCTATGGCTGCTGACCGTGTTATGT 37.1
 Db 127 ValMetAsnTyroPheAlaIleTrpGlyAspProserThrIleSerProGlyHiscys 14.6

Qy 372 GCAGTTTGCTCAGAAATAGTTTCAAGTGAGAGATTAAATGTGAAATGAG 4.31
 Db 147 AlaSerLeuSerArgSerThrAlaIleLeuArgTrpAspTyroAsnCysAsnValArg 16.6

Qy 432 CTCCTCTATCTGCCAATTTC 4.52
 Db 167 LeuProTyroValCysLysSphne 17.3

RESULT 7
 US-08-401-530A-4
 Sequence 4 , Application US/08401530A
 ; Patent No. 5834590
 ; GENERAL INFORMATION:
 ; APPLICANT: Vinik, Aaron I.
 ; APPLICANT: Pittenger, Gary L.
 ; APPLICANT: Rafaeloff, Ronit
 ; APPLICANT: Rosenberg, Lawrence
 ; APPLICANT: Duguid, William P.
 ; TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESS: Banner & Allegretti
 ; STREET: 1001 G Street, N.W.
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: US
 ; ZIP: 20001-4597
 ; COMPUTER READABLE FORM:

; MEDIUM TYPE: FLOPPY disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/401,530A
 ; FILING DATE: 22-FEB-1995
 ; CLASSIFICATION: 800
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kagan, Sarah A.
 ; REGISTRATION NUMBER: 32,141
 ; REFERENCE/DOCKET NUMBER: 00570-48743
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-508-9100
 ; TELEFAX: 202-508-9299
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 175 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: Protein
 ; MOLECULE TYPE: linear
 ; ORIGIN SOURCE: Homo sapiens
 ; ORGANISM: Homo sapiens
 ; US-08-401-530A-4

Alignment Scores:
 Pred. No.: 2.98e-51 Length: 175
 Score: 491.00 Matches: 82
 Percent Similarity: 77.55% Conservative: 32
 Best Local Similarity: 55.78% Mismatches: 33
 Query Match: 49.45% Indels: 0
 DB: 2 Gaps: 0

US-09-659-379-4 (1-558) x US-08-401-530A-4 (1-175)

Qy 12 GAAGAACTCTAAAAGAAACTGCGCTCTTCAACGTATAACCTGTCCTCAAGGCTCTGTAGCC 7.1
 Db 27 GluGluProGlnArgGluLeuProSerAlaArgIleArgCysProLysGlySerLysAla 4.6

Qy 72 TATGGGTCTATTGTCTTCACTGATTTCATGCCACGCTCTAATGCCAGAACTA 13.1
 Db 47 TyrGlySerHisCystYraAlaLeuPheLeuSerProLysSerIleTrpAspLeu 6.6

Qy 132 TCCTGCCAGATGCATTTCTCAGGACACCTGGCATTCAGTACTGGTGAATTAC 19.1
 Db 67 AlacysGlnLysArgProserGlyAsnLeuValSerValleSerGlyAlaGluGlySer 8.6

Qy 192 TCGTGTCTCCCTGTGAGAACACAGTTACGGCTTACCAAGTACATGGATGGACNC 25.1
 Db 87 PheValSerSerLeuValLysSerIleGlyAsnSerThrSerIleGlyLeu 10.6

Qy 252 CATGATCCCTCACATGCCATCACTACCCAACGGAACTGGGAACTGGCAGTCCCAAT 3.11
 Db 107 HisAspProThrGlyLysGluProAspGlyLysGluTrpGlyAspProserSerAsp 12.6

Qy 312 GGGTGTGACCTCTATAACTGGGAGGAAACCCCTCTATGGCTGCTGACCGTGTTATGT 37.1
 Db 127 ValMetAsnTyroPheAlaIleTrpGlyAspProserThrIleSerProGlyHiscys 14.6

Qy 372 GCAGTTTGCTCAGAAATAGTTTCAAGTGAGAGATTAAATGTGAAATGAG 4.31
 Db 147 AlaSerLeuSerArgSerThrAlaIleLeuArgTrpAspTyroAsnCysAsnValArg 16.6

Qy 432 CTCCTCTATCTGCCAATTTC 4.52
 Db 167 LeuProTyroValCysLysSphne 17.3

RESULT 8
 US-08-709-562-4
 Sequence 4 , Application US/08709662
 ; Sequence 4 , Application US/08709662
 ; Patent No. 5840531
 ; GENERAL INFORMATION:
 ; APPLICANT: Vink, Aaron I.

APPLICANT: Pittenger, Gary L.
 APPLICANT: Rafaeloff, Ronit L.
 APPLICANT: Rosenberg, Lawrence
 APPLICANT: Duguid, William P.
 TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 TUMOR NEOPGENESIS
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS: 7
 ADDRESSEE: Banner & Witcoff, Ltd.
 STREET: 1001 G Street, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: US
 ZIP: 20001-4597
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US08/709,662
 FILING DATE: 09-SEP-1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A.
 REGISTRATION NUMBER: 32,141
 REFERENCE/DOCKET NUMBER: 00570.59178
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-508-9100
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 175 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: Protein
 ORIGINAL SOURCE:
 ; ORGANISM: Homo sapiens
 US-08/709-662-4

Alignment Scores:
 PPrd. No.: 2.98e-51
 Score: 491.00 Length: 175
 Percent Similarity: 77.55% Matches: 82
 Best Local Similarity: 55.78% Conservative: 32
 Query Match: 49.78% Mismatches: 33
 DB#: 2 Indels: 0
 Gaps: 0

US-09-659-379-4 (1-558) x US-08-709-662-4 (1-175)

QY 12 GAGAATCTCAAAGAAACTGCCTTCAGCTATAACCTGTCTCAAGGCTC
 I||||| I||||| I||||| I||||| I||||| I||||| I||||| I||||| I|||||
 27 GluGluProGlnArgGluLeuProSerAlaArgIleArgCysProLysGlySer

QY 72 TAGGGTCTATTGCTATTCACTGATTGTGATCCAGACAGCTGGCTAATC
 I||||| I||||| I||||| I||||| I||||| I||||| I||||| I||||| I|||||
 47 TyrGlySerHisCystTyrAlaLeuPheLeuUserProLyssSerTrpThrAspAl

QY 132 TCCTGCCAGATGCAATTCTCAGGACACTGGCATTTCTCTCAGTACTGGGA
 I||||| I||||| I||||| I||||| I||||| I||||| I||||| I||||| I|||||
 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerIleGlyAsnSerTyrSerTyrValTrpI

QY 192 TCTGTGCTCTCCCTTGAGAACAGTGTGAGCCCTACCACTACATCTGGAT
 I||||| I||||| I||||| I||||| I||||| I||||| I||||| I||||| I|||||
 87 PheValSerIleValLysSerIleGlyAsnLeuValSerIleGlyAsnSerTyrSerTyrValTrpI

QY 252 CATGATCCCTCACATGGTACATGCCAACGGAAGTCATGGAAAGTGGACCA
 I||||| I||||| I||||| I||||| I||||| I||||| I||||| I||||| I|||||
 107 HisAspPProThrGlnGlyThrGluProAsnGlyGluClyTpGluTrpSerIleSerProI

QY 312 GTCCTGACCTTCTATAACTGGAGAACCCTCTATTGCTGCTGACCGTGG
 I||||| I||||| I||||| I||||| I||||| I||||| I||||| I||||| I|||||
 127 ValMetAsnTyPheAlaTrpGluArgAsnProSerThrIleSerSerProI

RESULT 10
 US-07-778-156-7
 Sequence 7, Application US/07778156
 / GENERAL INFORMATION:
 / APPLICANT: JOVANNA, JUAN-LUCIO
 / APPLICANT: KELIM, VOLKER
 / APPLICANT: DAGORN, JEAN-CHARLES
 / TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE PANCREATITIS
 / NUMBER OF SEQUENCES: 12
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAYER & NEUSTADT,
 / ADDRESS: P.C.
 / STREET: 1755 Jefferson Davis Highway, Fourth Floor
 / CITY: Arlington
 / STATE: Virginia
 / COUNTRY: U.S.A.
 / ZIP: 22202

COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07778156
 FILING DATE: 1/9/11/219
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Oblon, No. 5436169 man F.
 REGISTRATION NUMBER: 24, 618
 REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 521-4500
 TELEX: (703) 486-2347
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 174 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 ORIGINAL SOURCE:
 TISSUE TYPE: Homo sapiens
 / TISSUE TYPE: pancreas
 / US-07-778-156-7

Alignment Scores:
 Pred. No.: 1.59e-50
 Score: 485.00
 Percent Similarity: 77.40%
 Best Local Similarity: 55.48%
 Query Match: 48.84%
 DB: 1
 DB:
 us-09-659-379-4 (1-558) x US-07-778-156-7 (1-174)
 Qy 132 TCCTGCCAGATGCAATTCTCAGGACACCTGGCATTTCTCACTACTGGAAATTACC 191
 ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||| :|||
 Db 67 AlacysGlnlysArgProSerGlyAsnLeuValSerValleuSerGlyAlaGluGlySer 86
 ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||| :|||
 Qy 192 TCGTGTCNCNCCPTGTGAGAACAGTTGACGCCTACCGTACATCGGACTC 251
 ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||| :|||
 Db 87 PheValSerSerLeuVallysserIleGlyAnsserIleGlyAnsval106
 ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||| :|||
 Qy 252 GATGATCCCTCACATGGACACTACCAACGGAAGTGGGACTCCAT 311
 ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||| :|||
 Db 107 HisAspProThrGlyIleGlyLysProAsnGlyLysLeuProSerSerSerSer 126
 ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||| :|||
 Qy 312 GTGGTGACCTCTATAACTGGGAGGAACCCCTCATGGCTGACCGTGTATGT 371
 ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||| :|||
 Db 127 ValMetAsnItyrPheAlaItpGluArgAsnProSerThrIleSerSerProGlyHisCys 146
 ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||| :|||
 Qy 372 GCAGTTTGTCAGAAAATCAGGTTTCAGAAGGAGATTAATGTGAAAATGAG 431
 ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||| :|||
 Db 147 AlaSerLeuSerArgSerThraLeuArgTriPlysAspTyroAsnCysAsnValArg 166
 ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||| :|||
 Qy 432 CTCCCCCTATPATCCTGAAATTIC 452
 ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||| :|||
 Db 167 LeuProTyryValCysLysPhe 173
 ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||||| ::||| :|||
 RESULT 11
 US-08-822-261-4
 Sequence 4, Application US/08822261
 / GENERAL INFORMATION:
 / APPLICANT: Hillman, Jennifer L.
 / APPLICANT: Goli, Surya K.
 / TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED PROTEIN
 / NUMBER OF SEQUENCES: 6
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Incyte Pharmaceuticals, Inc.
 / STREET: 3174 Porter Drive
 / CITY: Palo Alto
 / STATE: CA
 / COUNTRY: USA
 / ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08822261
 FILING DATE: 8/08/2002
 CLASSIFICATION: 530
 ATTORNEY/AGENT INFORMATION:
 NAME: Oblon, No. 5436169 man F.
 REGISTRATION NUMBER: 24, 618
 REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 TELEPHONE: (703) 521-4500
 TELEX: (703) 486-2347
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 174 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 ORIGINAL SOURCE:
 TISSUE TYPE: Homo sapiens
 / TISSUE TYPE: pancreas
 / US-07-778-156-7

REGISTRATION NUMBER: 36,749
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555

TELEFAX: 415-845-4166

SEQUENCE CHARACTERISTICS:

STRANDEDNESS: single

TOPOLogy: linear

IMMEDIATE SOURCE:

LIBRARY: GenBank

CLONE: 189601
 US-08-822-261-4

Alignment Scores:

Pred. No. : 1.59e-50

Length: 174

Score: 485.00

Matches: 81

Percent Similarity: 77.4%

Conservative: 32

Best Local Similarity: 55.48%

MisMatches: 33

Query Match: 48.84%

Indels: 0

DB: 2

Gaps: 0

US-09-659-379-4 (1-558) x US-08-822-261-4 (1-174)

QY 12 GAGAGATCTCAAAGAAACTGGCTTCAACGTATAACCTGTCCTCAAGGCTCTGTAGCC 71

Db 27 GluGluProGlnArgGluLeuProSerAlaArgLeuArgCysProLysSala 46

QY 72 TATGGGTCTTATGGCTATTCACGTATTGATACCACAGACCTGGTCTAATGGAGAACTA 131

Db 47 TyrGlySerHisCystyStryAlaPheLeuSerThrAlaPheLeuSerProLysAspLeu 66

QY 132 TCCTGCCAGTGATTTCAGAGCACCTGGCATTTCTCTCGTACTGGTAATGATTAC 191

Db 67 AlaCysGlnLysArgProSerGlyAsnLeuValSerValLeuSerGlyAlaGluGlySer 86

QY 192 TCGTGTCCCTCTGTGAGAACAGTTGACGCCCTACAGTACATCTGGANTGGACTC 251

Db 87 PheValSerSerLeuValLeuSerValLeuSerGlyAsnSerValSerValLeuSer 106

QY 252 CAGATCCCTCACATGGTACACTACCCAACGGAAGTGGAGCACTTCCAAAT 311

Db 107 HisAspProThrGlyIleGluGlyIleGluGlyProAsnGlyIleGluGlySer 126

QY 312 GTGGTGCACCTCTATAACTGGAGAGAACCCCTCTATGGCTGACCGTGTTATGT 371

Db 127 ValMetAsnTyroHeAlaTrpGluArgAsnProSerThrLeuSerProGlyHisCys 146

QY 372 GCAGTTTGCTCAGAAATCAGGTTTCAGAAGTGGAGAGATTAAATGTGAAATGAG 431

Db 147 AlaSerLeuSerArgSerThrAlaPheLeuArgTrpGlyAspPyrAsnCysAsnValArg 166

QY 432 CTGGCCCTATATCGCAA 449

Db 167 LeuProTrpValCysLys 172

RESULT 12

US-08-422-166-7

Sequence 7, Application US/08422166

; General Information:

; APPLICANT: IOVANNA, JUAN-LUCIO

; APPLICANT: KEIM, VOLKER

; APPLICANT: DAGORN, JEAN-CHARLES

; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE

; TITLE OF INVENTION: PANCREITITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE

; TITLE OF INVENTION: PANCREATITIS

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT

; ADDRESSEE: P.C.

; STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTRY: U.S.A.
 ; ZIP: 22202

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/422,166
 ; FILING DATE: 14-APR-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/778,156
 ; FILING DATE: 19-DEC-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Oblon, No. 535908man F.
 ; REGISTRATION NUMBER: 24,618
 ; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (703)521-4500
 ; TELEX: 248855 OPAT UR
 ; INFORMATION FOR SEQ ID NO: 7:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 174 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: protein
 ; ORIGINALE SOURCE:
 ; ORGANISM: Homo sapiens
 ; TISSUE TYPE: pancreas
 ; US-08-422-166-7

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
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 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
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 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
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 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
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 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
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 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
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 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
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 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
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 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
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 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
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 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
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 ; Query Match: 2
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 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
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 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
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 ; Matches: 81
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 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
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 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
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 ; Conserv. Similarity: 55.48%
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 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
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 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
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 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
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 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
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 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.40%
 ; Conserv. Similarity: 55.48%
 ; Best Local Similarity: 48.84%
 ; Query Match: 2
 ; DB: 0
 ; Gaps: 0
 ; US-09-659-379-4 (1-558) x US-08-422-166-7 (1-174)

; Alignment Scores:
 ; Pred. No.: 1.59e-50
 ; Score: 485.00
 ; Length: 174
 ; Matches: 81
 ; Percent Similarity: 77.4

Qy 432 CTCCTATCTGCAA 449
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 |: Sequence 1, Application US/08822261
 |: Patent No. 595813
 |: GENERAL INFORMATION:
 |: APPLICANT: Hillman, Jennifer L.
 |: TITLE OF INVENTION: NOVEL HUMAN PANCAEATITIS-ASSOCIATED
 |: TITLE OF INVENTION: PROTEIN
 |: NUMBER OF SEQUENCES: 6
 |: CORRESPONDENCE ADDRESS:
 |: ADDRESSEE: Incyte Pharmaceuticals, Inc.
 |: STREET: 3174 Porter Drive
 |: CITY: Palo Alto
 |: STATE: CA
 |: COUNTRY: USA
 |: ZIP: 94104
 COMPUTER READABLE FORM:
 |: MEDIUM TYPE: Diskette
 |: COMPUTER: IBM Compatible
 |: OPERATING SYSTEM: DOS
 |: SOFTWARE: EASISEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 |: APPLICATION NUMBER: US/08/822,261
 |: FILING DATE: Filed Herewith
 |: CLASSIFICATION: 530
 |: PRIORITY APPLICATION DATA:
 |: ATTORNEY/AGENT INFORMATION:
 |: NAME: Billings, Lucy J.
 |: REGISTRATION NUMBER: 36,749
 |: REFERENCE/DOCKET NUMBER: PF-0251 US
 |: TELEPHONE: 415-855-0555
 |: TELEFAX: 415-845-4166
 |: INFORMATION FOR SEQ ID NO: 1:
 |: SEQUENCE CHARACTERISTICS:
 |: LENGTH: 175 amino acids
 |: TYPE: amino acid
 |: STRANDEDNESS: single
 |: TOPOLOGY: linear
 |: IMMEDIATE SOURCE:
 |: LIBRARY: ISLNPNOT01
 |: CLONE: 2072483
 |: US-08-822-261-1

Alignment Scores:
 pred. No.: 1.59e-50
 Score: 485.00
 Percent Similarity: 77.70%
 Best Local Similarity: 54.73%
 Query Match: 48.84%
 DB: 2

Length: 175
 Batches: 81
 Conservative: 34
 Mismatches: 33
 Indels: 0
 Gaps: 0

US-09-659-379-4 (1-558) x US-08-822-261-1 (1-175)

Qy 12 GAAGAATCTAAAGAACCTGCCTTCAAGGTACCTGGCTTAAGGCTCTGAGCT 71
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 |: GluGlutrgInLySgluLeuProSerProArgIleSerGlySerlysAla 46

Db 27 TATGGGCCATTGCTTACTGATTGATAACACAGCTGGCTTAATGCAGACTA 131
 |:|||||:|||||:
 |: TyrGlySerProCystyralLeuPheLeuSerProLysserTrpMetAsAlaLeu 66

Qy 132 TCCTGGCAGTCATTCAGACACCTGSCATTCTCAGACTGGTGAATTAC 191
 |:|||||:|||||:
 |: AlacGlnLySargProSerProArgIleSerGlySerlysAla 86

Db 67 LeuProTyrValCyslys 172
 |:|||||:
 |: HisAppProThrGlnLySerGluProAspGlyAspGlyTyrPglutrpSerthrAsp 126

RESULT 13
 |: Sequence 1, Application US-08-822-261-1
 |: US-08-822-261-1
 |: Sequence 1, Application US/08822261
 |: Patent No. 595813
 |: GENERAL INFORMATION:
 |: APPLICANT: Hillman, Jennifer L.
 |: TITLE OF INVENTION: NOVEL HUMAN PANCAEATITIS-ASSOCIATED
 |: TITLE OF INVENTION: PROTEIN
 |: NUMBER OF SEQUENCES: 6
 |: CORRESPONDENCE ADDRESS:
 |: ADDRESSEE: Incyte Pharmaceuticals, Inc.
 |: STREET: 3174 Porter Drive
 |: CITY: Palo Alto
 |: STATE: CA
 |: COUNTRY: USA
 |: ZIP: 94104
 |: US-07-778-156-3
 |: Sequence 3, Application US/07778156
 |: Patent No. 5436169
 |: GENERAL INFORMATION:
 |: APPLICANT: IOVANNA, JUAN-LUCIO
 |: APPLICANT: KEIM, VOLKER
 |: APPLICANT: DAGORN, JEAN-CHARLES
 |: TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
 |: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 |: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 |: PANCREATITIS
 |: NUMBER OF SEQUENCES: 12
 |: CORRESPONDENCE ADDRESS:
 |: ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 |: STREET: 1755 Jefferson Davis Highway, Fourth Floor
 |: CITY: Arlington
 |: STATE: Virginia
 |: COUNTRY: U.S.A.
 |: ZIP: 22202
 COMPUTER READABLE FORM:
 |: MEDIUM TYPE: Floppy disk
 |: COMPUTER: IBM PC compatible
 |: OPERATING SYSTEM: PC-DOS/MS-DOS
 |: SOFTWARE: PatentRelease #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 |: APPLICATION NUMBER: US/07/778,156
 |: FILING DATE: 1991/12/19
 |: CLASSIFICATION: 435
 |: ATTORNEY/AGENT INFORMATION:
 |: NAME: OBLON, NO. 5436169 man F.
 |: REGISTRATION NUMBER: 24,618
 |: REFERENCE/DOCKET NUMBER: 354-012-0 PC-T
 |: TELECOMMUNICATION INFORMATION:
 |: TELEPHONE: (703)521-4500
 |: TELEX: 248855 OPAT UR
 |: INFORMATION FOR SEQ ID NO: 3:
 |: SEQUENCE CHARACTERISTICS:
 |: LENGTH: 158 amino acids
 |: TYPE: AMINO ACID
 |: TOPOLOGY: unknown
 |: MOLECULE TYPE: protein
 |: ORIGINAL SOURCE:
 |: ORGANISM: Homo sapiens
 |: TISSUE TYPE: Pancreas
 |: US-07-778-156-3

Alignment Scores:
 pred. No.: 2.02e-50
 Score: 484.00
 Percent Similarity: 77.30%
 Best Local Similarity: 54.73%
 Query Match: 48.84%
 DB: 2

Length: 158
 Matches: 81
 Conservative: 34
 Mismatches: 33
 Indels: 0
 Gaps: 0

Alignment Scores:
 pred. No.: 2.02e-50
 Score: 484.00
 Percent Similarity: 77.30%
 Best Local Similarity: 54.73%
 Query Match: 48.84%
 DB: 2

Length: 158
 Matches: 81
 Conservative: 34
 Mismatches: 33
 Indels: 0
 Gaps: 0

Best Local Similarity: 57.45% Mismatches: 32 ; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 Query Match: 48.74% Indels: 0 ; TELECOMMUNICATION INFORMATION:
 DB: 1 Gaps: 0 ; TELEPHONE: (703)521-4500
 US-09-659-379-4 (1-558) x US-07-778-156-3 (1-158) ; TELEFAX: (703)486-2347
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 158 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: protein
 ; ORIGINAL SOURCE:
 ; ORGANISM: Homo sapiens
 ; TISSUE TYPE: Pancreas
 ; US-08-422-166-3

Db 41 AlacysGlnLysArgProGluGlyHistLeuValSerAlaLeuGluAlaSer 60 ; Alignment Scores:
 ; Pred. No.: 2.0e-50
 ; Score: 484.00
 ; Percent Similarity: 77.0%
 ; Best Local Similarity: 57.45%
 ; Mismatches: 32
 ; Indels: 0
 ; Gaps: 0

Db 61 PhelleAlaSerVallysThrGlyAsnProSerThrGlyIleGlyIle 80 ; US-09-659-379-4 (1-558) x US-08-422-166-3 (1-158)
 ; Qy 12 GAAGAATCICAAAGAAACTGGCTTCACGTATAACCGTCAAGGCC 71
 ; Db 1 GluAspSerProLysLysIleProSerAlaArgIleSerGluAla 20

Db 81 HisAspProThrIleGlyGlyIleProAsnGlyIleTrpSerAsnAsp 100 ; Qy 132 TATGGGTCCATTGCTATCAGTCTATGCTATGCTGAAACTGACT 131
 ; Db 101 IleMetAsnTyroValAsnTrpGlyArgAsnProSerThrAlaLeuAspArgGlyPheCys 120
 ; Db 121 GlySerLeuSerArgSerGlyPhelleLeuArgTrpArgAspPheThrCysGlu 140 ; Qy 192 TTCTGCCAGATGATTCTCAGCACCTGGCTAACGGCTACAGTACATGGACT 251
 ; Qy 141 Val 141 ; Db 41 AlaCysGlnLysArgProGluGlyHisIleValSerValLeuAsnValAlaSer 60

RESULT 15 ; Db 81 HisAspProThrIleGlyGlyIleProAsnGlyIleTrpSerAsnAsp 40

US-08-422-166-3 ; Qy 132 TCTCTGCCAGATGATTCTCAGCACCTGGCTAACGGCTACAGTACATGGACT 251
 ; Sequence 3, Application US/08422166 ; Db 61 PheLeuAlaSerMetVallysAnThrGlyAsnSerItyGlnItyrThrPheGlyIle 80
 ; Patent No. 5959086 ; Qy 141 Val 141 ; Db 101 IleMetAsnTyroValAsnTrpGluArgAsnProSerThrAlaLeuAspArgGlyPheCys 120

; GENERAL INFORMATION: ; Qy 192 TTCTGCCAGATGATTCTCAGCACCTGGCTAACGGCTACAGTACATGGACT 251
 ; APPLICANT: TOVANNA, JUAN-LUCIO ; Db 81 HisAspProThrIleGlyGlyIleProAsnGlyIleTrpSerAsnAsp 100
 ; APPLICANT: KEIM, VOLKER ; Qy 141 Val 141 ; Db 121 GlySerLeuSerArgSerGlyPhelleArgTrpArgAspPheThrCysGlu 140
 ; APPLICANT: DAGORN, JEAN-CHARLES ; Qy 142 CTT 434 ; Db 121 GlySerLeuSerArgSerGlyPhelleArgTrpArgAspPheThrCysGlu 140
 ; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE ; Db 141 Val 141 ;
 ; TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE ;
 ; TITLE OF INVENTION: PANCREATITIS ; CURRENT APPLICATION DATA:
 ; NUMBER OF SEQUENCES: 12 ; CURRENT APPLICATION DATA:
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT ;
 ; STREET: 1755 Jefferson Davis Highway, Fourth Floor ;
 ; CITY: Arlington ;
 ; STATE: Virginia ;
 ; COUNTRY: U.S.A. ;
 ; ZIP: 22202 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/422,166
 ; FILING DATE: 14-APR-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/778,156
 ; FILING DATE: 19-DEC-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Oblon, NO. 5959086man F.
 ; REGISTRATION NUMBER: 24,618

Search completed: February 13, 2003, 22:34:39
 Job time : 16 secs

GenCore version 5.1.3
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OM nucleic - protein search, using frame_plus_n2p model

Run on: February 13, 2003, 22:28:15 ; Search time 11.5 Seconds
(without alignments)

2479.352 Million cell updates/sec

Title: US-09-659-379-4
Perfect score: 993
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Searched: 140259 seqs, 25548876 residues

Total number of hits satisfying chosen parameters : 280518

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Command line parameters:

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-DB=Published_Applications_AA -QFMT=fascan -SUFFIX=x-rabp -MINMATCH=0.1
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-TRANS=human40_cdi -LIST=45 -DOCALIGN=200 -THR_SCORE=pct -THR_MAX=100
-THR_MIN=0 -ALIGN=15 -MODE=LOCAL -OUTFMT=pto -NORM=ext -HEAFSIZE=500 -MINLEN=0
-MAXLEN=0 -ICPU=3 -NO_MMAP -LARGEQUERY -NEG_SCORES=0 -WAIT -LONGLOG
-DEV_TIMEOUT=120 -WARN_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELEXT=7
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- /cgn2_6/podata/1/pubpaas/PCT_NEW_PUB_pep:*
- /cgn2_6/podata/1/pubpaas/US06_NEW_PUB_pep:*
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- /cgn2_6/podata/1/pubpaas/US60_PUBCOMB_pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the total score distribution, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	4.91	49.4	183	10	US-09-925-301-1013
2	4.85	48.8	175	9	US-09-978-295A-452
3	4.85	48.8	175	9	US-09-978-637-452
4	4.85	48.8	175	9	US-09-978-192A-452

ALIGNMENTS

RESULT 1
US-09-925-301-1013 ; Sequence 1013, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-301-1013

DB: 10 Gaps: 0

US-09-659-379-4 (1-558) x US-09-925-301-1013 (1-183)

Qy 12 GAAGATCTAAAGAACATGCGCTTCACGATAACCTGCTCAAGCTCTGTAGCC 71
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 Db 35 GluGluProGlnAargGluLeuProSerAlaArgIleArgCysPolysGlySerLysAla 54

Qy 72 TAGGGCTCTATTGCTTACATGATTGATAACCACAGACCTGGTCTAATGAGAACTA 131
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 Db 55 TyrGlySerIleCysteineAlaLeuPhelSerIleProSerIlePheAspLeu 74

Qy 132 TCTGCCAGATGCATTTCAGGACACCNGCATTCTCTCATGTTACTGGAAATTACC 191
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 Db 75 AlacysGlnlysArgProSerG1AsnLeuValSerIleSerGlyAlaGluGlySer 94

Qy 192 TCGTGTCTCCCTGCTGAGAACAGTGTGACCGCTACATGGTGGGACT 251
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 Db 95 PheValSerSerLeuValIleSerIleGlyAsnSerTyrSerIleValIlePheGlyLeu 114

Qy 252 CATGATCCCTCACATGGTACACTACCCAAAGGAACTGGGAGTGGAGCASTTCCAAAT 311
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 Db 115 HisAspProThrGlyIleGlyLysGluProAsnGlyLysGluTrpSerSerIleSerIlePhe 134

Qy 312 GTGCIGACCTCTATAACTGGAGGAACCCCTCATGGCTGACCGTGGTTATngT 371
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 Db 135 ValMetAsnTyrPheAlaIleTrpGluArgAsnProSerThrIleSerProGlyHisCys 154

Qy 372 GCAGTGTCTGAGAAATCAGGTTTCAGAAGTGGAGATTTAATGTTGAAAATGAG 431
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 Db 155 AlaSerLeuSerIleArgSerThrAlaPheLeuArgIleLysAspTyrAsnCysAsnValArg 174

Qy 432 CTCCTCTATATCTGCAAATIC 452
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 Db 175 LeuProTyrValCysLysPhe 181

RESULT 2

US-09-978-295A-452 ; sequence 452, Application US/09978295A

; Patent No. US20020156006A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerber, Hanspeter
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, J. Christopher
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillian, Kenneth J.
 ; APPLICANT: Kliavin, Ivar J.
 ; APPLICANT: Kuo, Sophia S.
 ; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William T.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2630P1C11
 ; CURRENT APPLICATION NUMBER: US/09/978,295A
 ; CURRENT FILING DATE: 2001-10-15

; PRIOR APPLICATION NUMBER: 09/918585
 ; PRIOR FILING DATE: 2001-07-30
 ; PRIOR APPLICATION NUMBER: 60/062250
 ; PRIOR FILING DATE: 1997-10-17
 ; PRIOR APPLICATION NUMBER: 60/064249
 ; PRIOR FILING DATE: 1997-11-03
 ; PRIOR APPLICATION NUMBER: 60/065311
 ; PRIOR FILING DATE: 1997-11-13
 ; PRIOR APPLICATION NUMBER: 60/066364
 ; PRIOR FILING DATE: 1997-11-21
 ; PRIOR APPLICATION NUMBER: 60/077450
 ; PRIOR FILING DATE: 1998-03-10
 ; PRIOR APPLICATION NUMBER: 60/077632
 ; PRIOR FILING DATE: 1998-03-11
 ; PRIOR APPLICATION NUMBER: 60/077641
 ; PRIOR FILING DATE: 1998-03-11
 ; PRIOR APPLICATION NUMBER: 60/077649
 ; PRIOR FILING DATE: 1998-03-11
 ; PRIOR APPLICATION NUMBER: 60/077791
 ; PRIOR FILING DATE: 1998-03-12
 ; PRIOR APPLICATION NUMBER: 60/078004
 ; PRIOR FILING DATE: 1998-03-13
 ; PRIOR APPLICATION NUMBER: 60/078886
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/078936
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/078910
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/078939
 ; PRIOR FILING DATE: 1998-03-20
 ; PRIOR APPLICATION NUMBER: 60/079294
 ; PRIOR FILING DATE: 1998-03-25
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 ; PRIOR APPLICATION NUMBER: 60/081203

APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillian, Kenneth J.
 APPLICANT: Kijaviv, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James;
 APPLICANT: Paon, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William T.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: Acids Encoding the Same
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PRIOR APPLICATION NUMBER: 60/085697

Alignment Scores:
Pred. No.: 2.34e-48 Length: 175
Score: 485.00 Matches: 81
Percent Similarity: 77.70% Conservative: 34
Best Local Similarity: 54.73% Mismatches: 33
Query Match: 48.84% Indels: 0
DB: 9 Gaps: 0

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; Patent No. US2002177533A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
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; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
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; APPLICANT: Klijavin, Ivar J.
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; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted Transmembrane Polypeptides and Nucleic
; Score: 34
; Title of Invention: Acids Encoding the Same
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 Query Match: 48.84% Indels: 0
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RESULT 5

US-09-999-832A-452

Sequence 452, Application US/09999832A

Publication No. US20020192706A1

GENERAL INFORMATION

APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
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 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.

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 PRIOR APPLICATION NUMBER: 60/085697

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 Best Local Similarity: 54.73% Mismatches: 33
 Query Match: 48.84% Indels: 0
 DB: 9 Gaps: 0

US-09-659-379-4 (1-558) x US-09-999-832A-452 (1-175)

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Qy	132 TCCCTGCCAGATGCATTCTCAGCACACCTGGCATTTCTCAGTACTGTTGAAATTAC 191
Db	67 AlaCysGlnLysArgProSerGlyLysLeuValSerGlyAlaGluGlySer 86
Qy	192 TTCTGTCTCCCTTGATGAAACAGTTGACGGCTTACAGTACATCTGGATTGGACTC 251
Db	87 PheValSerSerLeuValArgSerIleSerAsnSerTyrIleTerPheGlyLeu 106
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Db	127 ValMetAsnTrpPheAlaLtrpGluLysAsnProSerThrIleLeuAsnProGlyHisYs 146
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Qy	372 GCAATTCTCTGAAATCTAGTTTCAAGAAGTGGAGGATTAAATGTGAAATGAG 431
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RESULT 6
 US-09-978-189-452
 Sequence 452, Application US-09978189
 Publication No. US20030004102A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Klijavins, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William T.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic FILE REFERENCE: P2630PLIC7

CURRENT APPLICATION NUMBER: US/09/978.189
 CURRENT FILING DATE: 2001-10-15
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/061249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
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 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60/077632
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

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Db 87 PheValSerSerIleuArgSerIleuSerAsnSerIleuSerIleuPheGlyLeu 106

QY 252 CATGATCCCTCACATGGTACACTACCCACGGAAAGTGATGGAAAGTGGCAGTTCCAAAT 311
Db 107 HisAspProThrGlnGlySerGluProAspGlyTrpGluTrpSerSerThrAsp 126

QY 312 GTGCTGACCTCTATAACTGGAGAGAACCCCTCTATGCTGCTGACCGGGTTATGT 371
Db 127 ValMetAsnTyrrheAlaItpGluLysAsnProSerThrIleuAsnProGlyHisCys 146

QY 372 GCAGTTTGTCTCAGAAATCAGTTTTCAGAAGTGGAGAATTAAATGTGAAAATGAG 431
Db 147 GlycerLeuSerArgSerThrGlyPheLeuLystrPheAspTyrAsnCysAspAla 166

QY 432 CTCGCCCTATCTGCAAAATCAGTTTTCAGAAGTGGAGAATTAAATGTGAAAATGAG 455
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RESULT 7

US-10-174-590-424
; Sequence 424, Application US/10174590
; Publication No. US20030008352A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C12
; CURRENT APPLICATION NUMBER: US/10/174,590
; CURRENT FILING DATE: 2002-06-18
; PRIOR application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO: 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-174-590-4-24

Alignment Scores:

Pred. No :	2.34e-48	Length: 175
Score:	485.00	Matches: 81
Percent Similarity:	77.70%	Conservative: 34
Best Local Similarity:	54.73%	Mismatches: 33
Query Match:	48.84%	Indels: 0
DB:	9	Gaps: 0

US-09-659-379-4 (1-558) x US-10-174-590-4-24 (1-175)

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Db 27 GluGluThrGlnLysGluLeuProSerProArgIleSerCysProLySylSerLysAla 46

QY 72 TAGGGTCTATGCTATCATGTTGATACACAGCTGGCTTAATGCGAACTA 131
Db 47 TyrGlySerProCystyAlaLeuPheLeuUserProLySylSerTrpMetAspAlaAspLeu 66

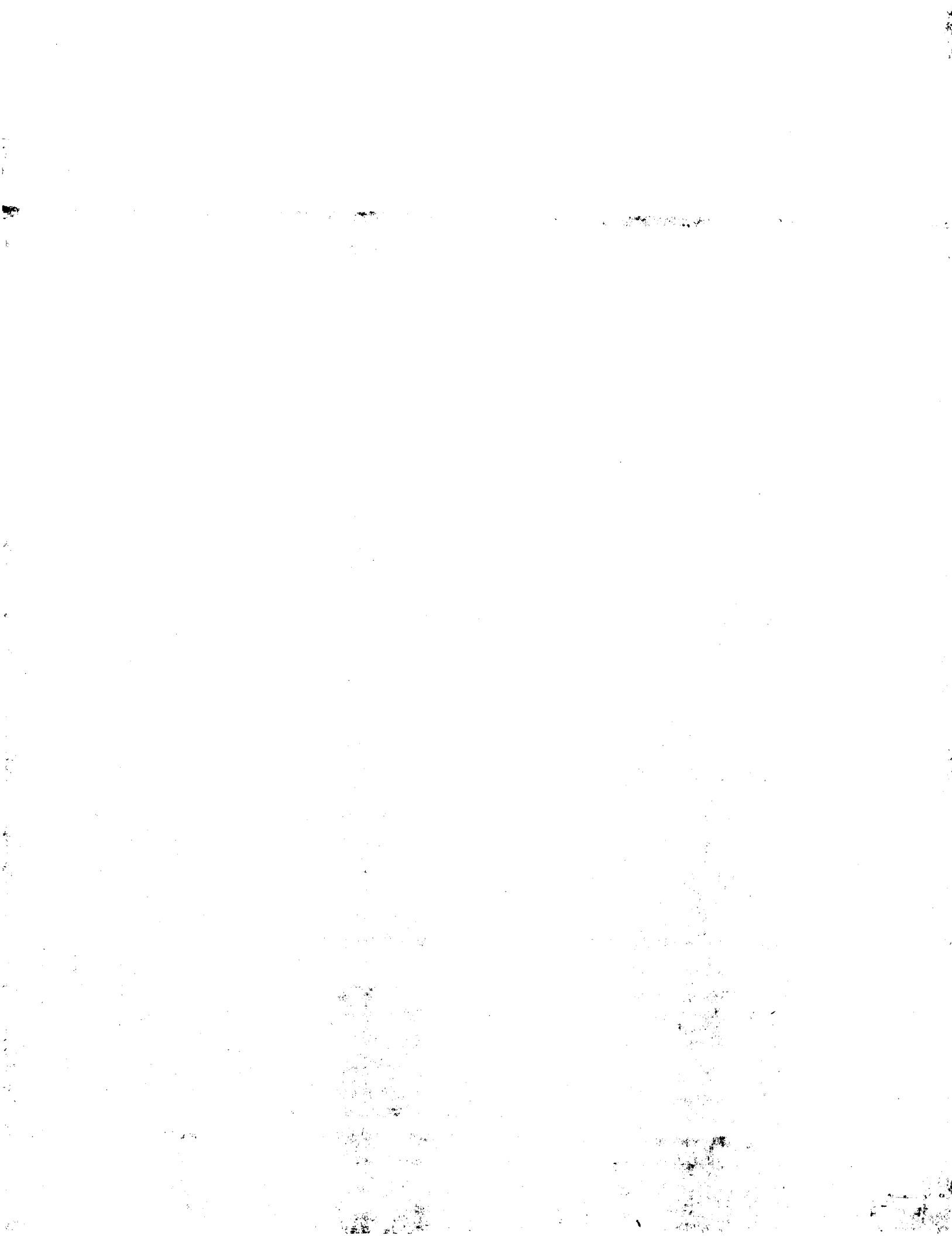
QY 132 TCCGCCAGATGCCATTCTCAGAACACCTGGCATTCAGCTACTGTTGAAATTAC 191
Db 67 AlacysGlnLysArgProGlyLysLeuValSerGlyAlaLysGlySer 86

QY 192 TCGTGTCCCTTCGAGAACAGTTGACGCCAACAGTACATCTGGATTGGACTC 251
Db 67 AlacysGlnLysArgProSerGlyLysLeuValSerValLeuAspAlaAspLeu 86

Db	147	GlySerLeuSerArgSerThrGlyPheLeuLysIlePlysAspTyrAsnCysAspAlaLys	166	Qy	432	CTTCCTATATCTGCCAAATTCAAG	455
Qy	432	CTTCCTATATCTGCCAAATTCAAG	455	Db	167	LeuProTyValCysLysPheLys	174
Db	167	LeuProTyValCysLysPheLys	174	RESULT 14	US-10-176-757-424		
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		Publication No. US20030022297A1					
		GENERAL INFORMATION:					
		APPLICANT: Baker, Kevin P.					
		APPLICANT: Chen, Jian					
		APPLICANT: Desnoyers, Luc					
		APPLICANT: Goddard, Audrey					
		APPLICANT: Godowski, Paul J.					
		APPLICANT: Gurev, Austin L.					
		APPLICANT: Pan, James					
		APPLICANT: Smith, Victoria					
		APPLICANT: Watanabe, Colin K.					
		APPLICANT: Wood, William F.					
		APPLICANT: Zhang, Zemin					
		TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME					
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		TITLE OF INVENTION: ACIDS ENCODING THE SAME					
		FILE REFERENCE: P3430RIC86					
		CURRENT FILING DATE: 2002-06-20					
		PRIOR APPLICATION NUMBER: US/10/176,757					
		SEQ ID NO: 424					
		CURRENT FILING DATE: 2002-06-20					
		PRIOR APPLICATION removed - See File Wrapper or Palm					
		NUMBER OF SEQ ID NOS: 612					
		TYPE: PRT					
		LENGTH: 175					
		ORGANISM: Homo Sapien					
		US-10-176-757-424					
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		Best Local Similarity: 54.73%	Mismatches: 33				
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		Pred. No. : 2.34e-48	Length: 175				
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		Best Local Similarity: 54.73%	Mismatches: 33				
		Query Match: 48.84%	Indels: 0				
		DB: 9	Gaps: 0				
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		Score: 485.00	Matches: 81				
		Percent Similarity: 77.70%	Conservative: 34				
		Best Local Similarity: 54.73%	Mismatches: 33				
		Query Match: 48.84%	Indels: 0				
		DB: 9	Gaps: 0				
		US-09-659-379-4 (1-558) x US-10-176-757-424 (1-175)					
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		Query Match: 48.84%	Indels: 0				
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		US-09-659-379-4 (1-558) x US-10-176-757-424 (1-175)					
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		Qy	12 GAAGAATCTCAAANGAAACTGCTCTCCAGATAACCTGTCTCAAGCTCTGTAGCC	71			
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		Alignment Scores:					
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		Score: 485.00	Matches: 81				
		Percent Similarity: 77.70%	Conservative: 34				
		Best Local Similarity: 54.73%	Mismatches: 33				
		Query Match: 48.84%	Indels: 0				
		DB: 9	Gaps: 0				
		US-09-659-379-4 (1-558) x US-10-176-757-424 (1-175)					
		Qy	12 GAAGAATCTCAAANGAAACTGCTCTCCAGATAACCTGTCTCAAGCTCTGTAGCC	71			
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		Alignment Scores:					
		Pred. No. : 2.34e-48	Length: 175				
		Score: 485.00	Matches: 81				
		Percent Similarity: 77.70%	Conservative: 34				
		Best Local Similarity: 54.73%</td					

Db 167 LeuProTyrvAlCysLysPheLys 174

Search completed: February 13, 2003, 22:51:43
Job time : 14.5 secs



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OM nucleic - nucleic search, using sw model

Run on: February 13, 2003, 16:17:20 ; Search time 45 Seconds
(without alignments)

3802.792 Million cell updates/sec

Title: US-09-659-379-4
Perfect score: 558
Sequence: 1 CCGGGATCCGAAATCT.....GAAGAGCACTCGAGCCGGTC 558

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA:
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 2: /cgns_6/picodeata/2/ina/5B_COMB.seq;*
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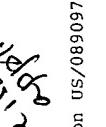
Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	558	100.0	558	1	US-09-659-379-4
2	536	96.1	747	2	US-08-709-662-1
3	516	92.5	586	4	US-09-146-969-3
4	471.6	84.5	747	2	US-08-01-530A-1
5	247	44.3	762	2	US-08-822-261-2
6	240.6	43.1	797	2	US-08-164-631-2
7	240.6	43.1	797	2	US-08-222-261-5
8	231.2	41.4	798	1	US-08-771-156-12
9	231.2	41.4	798	2	US-08-322-261-6
10	231.2	41.4	798	2	US-08-222-166-12
11	231.2	41.4	798	4	US-09-146-969-2
12	227.6	40.8	793	1	US-07-778-156-1
13	227.6	40.8	793	2	US-08-222-166-1
14	209.2	37.5	474	1	US-07-771-156-8
15	209.2	37.5	474	2	US-08-322-166-8
16	206.4	37.0	522	1	US-07-778-156-4
17	206.4	37.0	522	2	US-08-422-166-4
18	30.5	60.2	4	US-09-385-982-257	
c	116.8	20.9	610	4	US-09-385-982-229
20	115.4	20.7	777	4	US-09-146-969-1
21	102.2	18.3	590	2	US-08-557C-32
22	102.2	18.3	590	2	US-08-340-476D-32
23	102.2	18.3	590	2	US-08-450-673C-32
24	102.2	18.3	590	5	US-09-1711IA-32
c	88.4	15.8	622	4	US-09-385-982-224
26	75.6	13.5	378	2	US-08-454-557C-16
27	75.6	13.5	378	2	US-08-340-426D-16



ALIGNMENTS



RESULT 1

US-09-909-725-4

; Sequence 4, Application US/08909725

; Patent No. 5804421

; GENERAL INFORMATION:

; APPLICANT: Vinik, Aaron

; APPLICANT: Pittenger, Gary

; APPLICANT: Rafaelloff-Phail, Ronit

; APPLICANT: Barlow, Scott

; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF

; NUMBER OF SEQUENCES: 6

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Banner & Witcoff, Ltd.

; STREET: 1001 G Street, N.W.

; CITY: Washington

; STATE: DC

; ZIP: 20001

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FASTSEQ for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/909,725

; FILING DATE: 12-AUG-1997

; CLASSIFICATION: 435

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: 08/741,096

; FILING DATE: 30-OCT-1996

; ATTORNEY/AGENT INFORMATION:

; NAME: Kagan, Sarah A.

; REGISTRATION NUMBER: 32,145

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 202-508-9100

; TELEX: 202-508-3299

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 558 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; US-08-909-725-4

; Score 558; DB 1; Length 558;
Pred. No. 2.6e-174;

RESULT 2
US-08-709-662-1
Sequence 1, Application US/08709662
GENERAL INFORMATION:
APPLICANT: Vinik, Aaron I.
APPLICANT: Pittenger, Gary L.
APPLICANT: Rataeloff, Ronit L.
APPLICANT: Rosenberg, Lawrence
APPLICANT: Duguid, William P.
TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
TITLE OF INVENTION: ISLET NEOREGENESIS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/709, 662
FILING DATE: 09-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Kagan, Sarah A. 32,141
REGISTRATION NUMBER: 00570 59178
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 747 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: cricetus
FEATURE:
NAME/KEY: CDS
LOCATION: 20..541
US-08-709-662-1

Query Match 96.1%; Score 536; DB 2; Length 747;
Best Local Similarity 99.1%; Pred. No. 5.4e-167;
Matches 539; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3 GCGGATCCGGAAAGAACATCTCAAAGGCTTCTTCACGTATAACCGTATAACGGCTTCAGGC 62
Db 86 GTGGAAAGGGAAAGATCTGCCCCTTCAGCTTCTTCACGTATAACCGTATAACGGCTTCAGGC 145

Qy 63 TCTCTAGCCATGGCTCTATTGCTTACTGTTGATGTTGATACACAGCTGGCTTAAT 122
Db 146 TCTCTAGCCATGGCTCTATTGCTTACTGTTGATGTTGATACACAGCTGGCTTAAT 205

Qy 123 GCAGAACTATCCCTCCAGTGTCACTGAACTTCAAGGTCTAGGGCACTCTAAATTCAACA 480
Db 206 GCAGAACTATCCCTCCAGTGTCACTGAACTTCAAGGTCTAGGGCACTCTAAATTCAACA 480

Qy 183 GAAATTACCTTCGTCAGTTTCAGAAATCAGGTTTCAGAAGTGGAGAGATTAAATT 420
Db 266 GAAATTACCTTCGTCAGTTTCAGAAGTGGAGAGATTAAATT 325

Qy 243 ATGGACTCATGATCCCTCACATGGTACACTACCCAACTGGGAAGTGGGCTTACCAAGTACATCNG 302
Db 326 ATGGACTCATGATCCCTCACATGGTACACTACCCAACTGGGAAGTGGGACTGGAC 385

Qy 303 AGTCCAATGTCGACCTCTATAACTGGAGAGAACCCCTATATGCTGACCT 362
Db 386 AGTCCAATGTCGACCTCTATAACTGGAGAGAACCCCTATATGCTGACCT 445

Qy 363 GGTTATTGTCAGTTTGCTCAGAAATCAGGTTTCAGAAGTGGAGAGATTAAATTGT 422
Db 446 GGTTATTGTCAGTTTGCTCAGAAATCAGGTTTCAGAAGTGGAGAGATTAAATTGT 505

Qy 423 GAAAATGACTTCCTATATCTGAAATTCAGGTCTAGGGCAGTTCAATTCAACAGC 482
Db 506 GAAAATGACTTCCTATATCTGAAATTCAGGTCTAGGGCAGTTCAATTCAACAGC 565

Qy 483 TTGAAAATTTATGAACTGACATGGCAAGGAAGCAATTGAGGATTCACTCAGGAG 542
Db 566 TTGAAAATTTATGAACTGACATGGCAAGGAAGCAATTGAGGAG 625

Qy 543 AGCA 546
Db 626 AGCA 629

RESULT 3
US-09-146-969-3
Sequence 3, Application US/09146969
GENERAL INFORMATION:
APPLICANT: Vinik, Aaron I.
APPLICANT: Pittenger, Gary L.
APPLICANT: Rataeloff, Ronit L.
APPLICANT: Rosenberg, Lawrence
APPLICANT: Duguid, William P.
TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
TITLE OF INVENTION: ISLET NEOREGENESIS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20001-4597
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/146-969-3
FILING DATE: 09-SEP-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
GENERAL INFORMATION:
APPLICANT: Diechgraefe, Brian K.

TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
 FILE REFERENCE: 04255.75314
 CURRENT APPLICATION NUMBER: US/09/146,969
 CURRENT FILING DATE: 1998-09-04
 NUMBER OF SEQ ID NOS: 5
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO 3
 LENGTH: 586
 TYPE: DNA
 ORGANISM: Homo sapiens
 -09-146-969-3

Query Match	Score	DB	Length
Best Local Similarity	92.5%	4	586
Matches	519;	Pred. No.	1.9e-160
Conservative	99.0%	Mismatches	0;
		Indels	5;
3	GGGTAGCCGAAAGATCTCAAAGAACAGCTGCGTTCACGTATAACCTGTCC		
63	GTTGGAGGTGAAGAATCCTAAAAGAACCTGCGTTCACGTATAACCTGTCC		
63	TCTGTAGCCATTGGTCCATTGGTCACTGATTGATACACAGACCTG		
123	TCTGTAGCCATTGGTCCATTGGTCACTGATTGATACACAGACCTG		
123	GCAGAACTATCTGCCAGATGCAATTCTCAGACCTGGCATTTCTCAG		
183	GCAGAACTATCTGCCAGATGCAATTCTCAGACCTGGCATTTCTCAG		
183	GAATAATTACCTTCGCTCCCTTGTAAGAACAGTTGACGGCTTACAGTA		
243	GAATAATTACCTTCGCTCCCTTGTAAGAACAGTTGACGGCTTACAGTA		
243	ATGGACTACTCCATGATCCCCTACATGGTACACTCCACGGAGGTGATGGAA		
303	ATGGACTACTCCATGATCCCCTACATGGTACACTCCACGGAGGTGATGGAA		
303	AGTTCCAATGTCGAGCCTCTAACTGGAGAGGAACCCCTATGGTGGAA		
363	AGTTCCAATGTCGAGCCTCTAACTGGAGAGGAACCCCTATGGTGGAA		
363	GGTTATTGTCGAGCTTTCGTCAGAACATCGTTTCAGAACGGAGAGATT		
423	GGTTATTGTCGAGCTTTCGTCAGAACATCGTTTCAGAACGGAGAGATT		
423	GAATGAGCTCCCTATATCTGAAATCAAGCTTACGGGMGTCTAATT		
483	GAATGAGCTCCCTATATCTGAAATCAAGCTTACGGGMGTCTAATT		
483	TTGAAAATATTAGAAGGTCACTGGACAAAGGAAGCAAGTATA 526		
543	TTGAAAATATTAGAAGGTCACTGGACAAAGGAAGCAAGTATA 586		

SULI 4
 -08-401-530A-1
 Sequence 1, Application US/08401530A
 Patient No. 5634590
 GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron I.
 APPLICANT: Pitterer, Gary L.
 APPLICANT: Rafaeloff, Ronit
 APPLICANT: Rosenberg, Lawrence
 APPLICANT: Duguid, William P.
 TITLE OF INVENTION: INSAP PROTEIN INVOLVED IN PANCREATIC
 TITLE OF INVENTION: ISLET NEOGENESIS
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Banner & Allegretti
 STREET: 1001 G Street, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: US
 ZIP: 20001-4597

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US-08/401,530A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 00570.48743
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 747 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: Linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Cricetulus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 20..541
; US-08-401-530A-1

Query Match          84.5%; Score 471.6; DB 2;
Best Local Similarity 98.1%; Pred. No. 9.1e-146;
Matches 477; Conservative 0; Mismatches 9;

3 GCGGATCCGGAAGATACTCAAAGAACCTGGCCTTCACGGTATP
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86 GTGGAAGGTGAAGATACTCAAAGAACCTGGCCTTCACGGTATP
| | | | | | | | | | | | | | | | | | | | | | | | | | |
63 TCTGTAGCCCTATGGTCCTATTGCTATTCACTGATTTTGATACCA
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146 TCTGTAGCCCTATGGTCCTATTGCTATTCACTGATTTTGATACCA
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123 GCAGAACTATCCGCAAGTGCATTTCAGAACCTGGCATTTGAC
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206 GCAGAACTATCCGCAAGTGCATTTCAGAACCTGGCATTTGAC
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183 GAATATACCTTCGGTGCCTCCCTGTGAAAGAACAGTTGACGCC
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266 GAATATACCTTCGGTGCCTCCCTGTGAAAGAACAGTTGACGCC
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243 ATGGGACTCCATGATCCCTCACATGGTACACTCCAGGAAGT
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326 ATGGGACTCCATGATCCCTCACATGGTACACTCCAGGAAGT
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303 AGPTCAATGTTGCTCATCCCTCATGTTACACTCCAGGAACCCCT
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386 AGPTCAATGTTGCTCATCCCTCATGTTACACTCCAGGAACCCCT
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363 GGTTATTGTCGAGTTGCTCTACAATCTGGCATTTGACAGTGG
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446 GGTTATTGTCGAGTTGCTCTACAATCTGGCATTTGACAGTGG
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423 GAAATGAGCTTCCTATATCTGCAAACTCAAGSTCTAGGGCACT
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506 GAAATGAGCTTCCTATATCTGCAAACTCAAGSTCTAGGGCACT
| | | | | | | | | | | | | | | | | | | | | | | | | | |
Qy          TTTGAAA 488
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DDB          | | | | | | | | | | | | | | | | | | | | | | | | |

```

RESULT 5
 US 08-222-261-2
 Sequence 2, Application US/08822261
 Patent No. 5935813
 GENERAL INFORMATION:
 APPLICANT: Hillman, Jennifer L.
 ADDRESS: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Drive
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: PASTSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/822,261
 FILING DATE: Filed Herewith
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REFERENCE/DOCKET NUMBER: PF-0251 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-4166
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 762 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: Linear
 IMMEDIATE SOURCE:
 LIBRARY: ISLTNOT01
 CLONE: 2072483

US -08-822-261-2

Query Match 44.3%; Score 247; DB 2; Length 762;
 Best Local Similarity 66.4%; Pred. No. 9.8e-72; Indels 0; Gaps 0;
 Matches 355; Conservative

Qy 12 GAAAGAATTCAAAGAAACTGCCCTCTCACGATAACCTGTCCTCAAGGCCTGTAGCC 71
 Db 192 GAAGAACCCAGAGGAACCTGCCCTCACGATCAGTGTCCAAGGCCTCAAGGCC 251
 Qy 72 TAGGGCTCTATGCTATTCACTGATACCACAGCCGGCTPAATGAGAACTA 131
 Db 252 TATGGCTCCCTGCTATGCCCTTGTCACGAGCTTCAGTGTGAATTAACC 311
 Qy 132 TCTCTCCAGATGCATTTCAGGACACCGGAACTTCAGTGTGAATTAACC 191
 Db 312 GCTTGAGGGCCCTCTGAAAACCTGGCTGAGGATGGGTCAAT 371
 Qy 192 TTCTGTTCCCTGCTTGTCACGAGCTTCAGTGTGAATTAACC 251
 Db 372 TTCTGTTCCCTGCTGGAGGATTAACGCTACATGGATGGGTCAAT 431
 Qy 252 CATGATCCCTCACATGGTACACTACCAACGGAAGTGGATGAACTGGCTTCCAAAT 311
 Db 432 CATGACCCACAGGGCTCTGAGCTGTGAAGATGGATGGGTCAACTG 491
 Qy 312 GTGGTACCTCTATAACCTGGAGGAACCCCTATGCTGTGAGACTGTTATGT 371

RESULT 6
 US -08-464-637-1
 Sequence 1, Application US/08464637
 Patent No. 583214
 GENERAL INFORMATION:
 APPLICANT: Iovanna, Juan-Lucio
 ADDRESS: Birch, Stewart, Kolasch & Birch, LLP
 STREET: P.O. Box 747
 CITY: Falls Church
 STATE: Virginia
 COUNTY: USA
 ZIP: 22040-3487
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/464,637
 FILING DATE: 30-AUG-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Murphy Jr., Gerald M.
 REGISTRATION NUMBER: 28,977
 REFERENCE/DOCKET NUMBER: 2121-107P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 703-205-8000
 TELEFAX: 703-205-8050
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 797 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: not relevant
 TOPOLOGY: not relevant
 MOLECULE TYPE: cDNA to mRNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE: Homo sapiens
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 43..567
 OTHER INFORMATION: /product= "human
 pancreatitis-associated protein"
 OTHER INFORMATION: /note= "see, Fig. 3"
 US -08-464-637-1

Query Match 43.1%; Score 240.6; DB 2; Length 797;
 Best Local Similarity 65.6%; Pred. No. 1.3e-69;
 Matches 351; Conservative 0; Mismatches 184; Indels 0; Gaps 0;

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/778,156
 FILING DATE: 1991/12/19
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Obilon, No. 54,361,694n F.
 REGISTRATION NUMBER: 24,618
 REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703)521-4500
 TELEFAX: (703)486-2347
 TELEX: 248855 OPAT UR
 SEQUENCE CHARACTERISTICS:
 LENGTH: 798 base pairs
 TYPE: NUCLEIC ACID
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: cDNA
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 TISSUE TYPE: Pancreas
 US-07-778-156-12

Query Match 41.4%; Score 231.2; DB 1; Length 798;
 Best Local Similarity 65.7%; Pred. No. 1.6e-66;
 Matches 352; Conservative 0; Mismatches 183; Indels 1; Gaps 1;

QY	12	GAGAATCTCAAAGAACACTGCCTCTCACGTATAACCTGCTCAAGGCTCTGPAGCC	71	Query Match 41.4%; Score 231.2; DB 2; Length 798; Best Local Similarity 65.7%; Pred. No. 1.6e-66; Matches 352; Conservative 0; Mismatches 183; Indels 1; Gaps 1;			
Db	121	GAGAACCCAGGGACTGCCTCTGACGATCGCTGCAAGGCCAAAGGCTCAAGGCC	180	QY	12	GAGAAATCTCAAAGAACACTGCCTCTCACGTATAACCTGCTCAAGGCTCTGTAGCC	71
QY	72	TAGGGGCTCTATTCACTGTTGATTCAGTGTGATACCAGACCTGGCTAATGAGACTA	131	Db	121	GAGAACCCAGGGACTGCCTCTGCAAGGCCAAAGGCTCAAGGCC	180
Db	181	TAGGCTCCACTGCTATGCCCTGTTGTGACCAAAATCTGGACAGATGAGATCTG	240	QY	72	TATGGGCTCTATTGCTACTGCTGATCCAGCTGGGATTTCTCAGTACTGGTAATTAC	131
QY	132	TCTGCCCCATGGATTCAGGACCTGGGATTTCTCAGTACTGGTAATTAC	191	Db	181	TATGGGCTCCACTGCTATGCCCTGTCACCAAAATCTGGACAGATGAGATCTG	240
Db	241	GCTGCCCCATGGGCTCTGGAAACTGGTCTGCTGTCAGTGGCTGAGGGATCC	300	QY	132	TCTGCCAGATGCCATTCTCAGGACACTGGATCTCTCAGTACTGGTAATTAC	191
QY	192	TCTGCTCTCCCTCTGGAAAGGACATTTGAGCCATACAGTGGACT	251	Db	241	GCCTGCCAGAAAGGGCCCTCTGGAAACCTGGCTGAGGGATC	300
Db	301	TCTGCTCTCCCTCTGGAAAGGACATTTGAGCCATACAGTGGACT	360	QY	192	TTCGTGTCCTCCCTTGTAAGAACCTGGCTGTCAGTGGCTGAGGGATC	300
QY	252	CATGATCCCTCATGGTACACTACGCCAAATGGAAGGCTGAGCTCCAAT	311	Db	301	TTCGTGTCCTCCCTGGAAAGGACATCTGGTACAGTGGCTGAGGGCT	360
Db	361	CANGACCCACAGGGCAACCCAGGGAAATGGAAGGTTGGAGTAGCAGT	420	QY	252	CATGATCCCTCATGGTACACTACGCCAAATGGAAGGCTGAGCTCCAAT	311
QY	312	GTCGTGACTTCTTAACTGGGAGGAACCCCTCTATTGGCTGACCTGGTTATGT	371	Db	361	CATGACCCACAGGGCAACCCAGGGCAATGGAAGGTTGGAGTAGCAGT	420
Db	421	GTCATGAAATTACTTGCATGGGAGGAATCCCTCCACATCTCAAGCCCCTGGCCTGT	480	QY	312	GTGCTGACCTCTATAACTGGGAGGAACCCCTCTATTGGCTGAGGGCT	371
QY	372	GCATGTTGTCCTGAGAAATGCAAGGAGATTAAATTGAAATGAG	431	Db	421	GTGATGAAATTACTTGCATGGGAGGAATCCCTCCACATCTCAAGCCCCTGGCCTGT	480
Db	481	GCAGCTGTCGAGAACACGATTTCTGAGTGGAAAGTATACTGTAATGAG	540	QY	372	GCAGTTGTCCTGAGAAATCAGTTTCAGAAAGTGGAGGATTTAATTGAAATGAG	431
QY	432	CCTCCCTATATCTGCAA-TICAAGGCTTAGGGCAGTTCAATCAAAGCTGAAAT	490	Db			
Db	541	TTCACCPATGTCGCAAAGTTCATGACTAGTGGAGGAAAGTCAGCTGTT	600	QY			
QY	491	ATPATGAGCTCATGACAAGAACCTAGGATICAATGAGAAGCA	546	Db			
Db	601	GTTGTCGAACTCATGAGGCAATGAGGACTCTGGACTCAACCCCTGGAGAA	656	QY			

RESULT 9
 US-08-822-261-6 Application US/08822261
 ; Sequence 6, Application US/08822261

RESULT 10
 US-08-422-166-12
 ; Sequence 12, Application US/08422166
 ; Patent No. 5959086
 ; GENERAL INFORMATION:
 ; APPLICANT: JOVANNA, JUAN-LUCIO
 ; APPLICANT: KEIM, VOLKER
 ; APPLICANT: DAGORN, JEAN-CHARLES
 ; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 ; TITLE OF INVENTION: PANCREATITIS
 ; NUMBER OF SEQUENCES: 12
 ; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
 ; ADDRESSEE: P.C.
 ; STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ; CITY: Arlington
 ; STATE: Virginia
 ; ZIP: 22202
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/422,166
 ; FILING DATE: 14-APR-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/778,156
 ; FILING DATE: 19-DEC-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: OBLON, NO 5951086man F.
 ; REGISTRATION NUMBER: 24,618
 ; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 ; TELEPHONE: (703)521-4500
 ; TELEX: 248855 OPAT UR
 ; INFORMATION FOR SEQ ID NO: 12:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 798 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: cDNA
 ; ORIGINAL SOURCE:
 ; ORGANISM: Homo sapiens
 ; TISSUE TYPE: pancreas
 ; US-08-422-166-12

Query Match 41.4%; Score 231.2; DB 2; Length 798;
 Best Local Similarity 65.7%; Pred. No. 1.6e-66;
 Matches 352; Conservative 0; Mismatches 183; Indels 1; Gaps 1;

Db 481 GCGAGCCCTGTCGAGAACGCAATTCTGAGGTGAAAGATAACTGTATGTGAGG 540
 Qy 432 CTTCCTATATCGCCAA-TTCAGGTCTAGCCAGTCTAATTTCACAGCTTGAAAT 490
 Db 541 TTACCTATGTCGCAAGTTCAGTGTCACTGGGGAGTCAAGCTGTGTT 600
 Qy 491 ATTATGAAGCTCATGGACAAGGAACAGTGTAGGATTCACTCAGGAAGCA 546
 Db 601 GGTTGCAACTCATGGCATGAGACCAGTGTAGGACTCACCCTGGAAAGGAA 656

Db 181 TATGGCTCCACTGTCTATGCCATTGTGTTTGTACCAAAATCCGGACAGATCAGATCTG 240
 Qy 132 TCTTGCCAGATGGATTTCAGGAACTCTGGCATTTCTCACTGTTCTAATGCTAC 191
 Db 241 GCTGCCCCAAAGGGCCCTCTGGAAACCTGGCTCAGTGGCTAGGGATC 300
 Qy 192 TTGTGTCCTCCCTGTGAAGAACAGTTGACGCCPACAGTGTAGGATTGGACTC 251
 Db 301 TTGTGTCCTCCCTGTGAAGAACAGTTGACGCCPACAGTGTAGGATTGGACTC 360
 Qy 252 CARGATCCCCTCACAGTGTAACTACAGCTACTCATGGCTGGAGTGGACT 311
 Db 361 CATGACCCACAGGGCACCGGCCAAATGGAAAGGTGGAGCTGAGTGGACT 420

Qy 312 GTGTGACCTCTTATAACTGGAGGAACTCTCTATTGCTGACCTGGTTATTGT 371
 Db 421 GTATGAATTACTGTGATGGAGAATCTCCACATCAGGGCCACTGT 480

Qy 372 GCAGTTTGTCTGAAARTCAGGTTTCAGRACTGGAGGATTAAATTGTGAAATGAG 431
 Db 481 GCGAGCCCTGTCGAGAACAGCACTGTTGAGTGGAAAGATAACTGTATGTGAGG 540
 Qy 432 CTCGCCCTATATCTGCAAATTCAGGTCTAGGCAGTCTAATTCAACAGCTTGAAAT 490
 Db 541 TTACCCATGTCGCAARNTTCACTGACTGTCAGGAGGAGTCAAGCTGCTGTGTT 600

Qy 491 ATTATGAAGCTCATGGACAAGGAACAGTGTAGGATTCACTCAGGAAGGCA 546
 Db 601 GGTTGCAACTCATGGCATGAGACCAGTGTAGGACTCACCCTGGAAAGGAA 656

RESULT 11
 US-09-146-969-2
 ; Sequence 2, Application US/09146969
 ; Patent No. 622855
 ; GENERAL INFORMATION:
 ; APPLICANT: Dieckgraefe, Brian K.
 ; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury
 ; FILE REFERENCE: 0425-75314
 ; CURRENT APPLICATION NUMBER: US/09/146,969
 ; CURRENT FILING DATE: 1998-09-04
 ; NUMBER OF SEQ ID NOS: 5
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 2
 ; LENGTH: 798
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-146-969-2

Query Match 41.4%; Score 231.2; DB 4; Length 798;
 Best Local Similarity 65.7%; Pred. No. 1.6e-66;
 Matches 352; Conservative 0; Mismatches 183; Indels 1; Gaps 1;

Qy 12 GAGAAATCTAAAAGAACCTGCTTCACTGATTGATACCAAGCTGGCTTAATGCAAGACTA 71
 Db 121 GAAGAACCCAGGGAACTGCCCCTGCAAGGATCCCTGCCCCAAAGGCTCAAGGC 180

Qy 72 TATGGTCTATGCTTCACTGATTGATACCAAGCTGGCTTAATGCAAGACTA 131
 Db 181 TATGGCTCCACTGTCTGTTGTACCAAAATCCGGACAGATCAGATCTG 240

Qy 132 TCTGCCAGATGATTCTCAGGACACCTGGATTCTCAGTACTGTGAAATTAAC 191
 Db 241 GCTGCCCCAAAGGGCCCTCTGGAAACCTGGTCTAGTGGCTAGGGATC 300

Qy 192 TTGTGTCCTCCCTGTGAAGAACAGTTGACGCCPACAGTGTAGGATTGGACTC 251
 Db 301 TTGTGTCCTCCCTGTGAAGAACAGTTGACGCCPACAGTGTAGGATTGGACTC 360

Qy 252 CAGATCCCTCATGGTCAACTACCTGCTCAAGGCTGTAGGACTCAGGAGTGGACTC 311
 Db 361 CATGACCCACAGGGCACCGGCCAAATGGAAAGGTGGAGCTGAGTGGACT 420

Qy 12 GAGAAATCTAAAAGAACCTGCTTCACTGATTGATACCAAGCTGGCTTAATGCAAGACTA 71
 Db 121 GAAGAACCCAGGGAAACTGCCCCTGCAAGGATCCCTGCTCAAGGCTCAAGGC 180

Qy 72 TATGGTCTATGCTTCACTGATTGATACCAAGCTGGCTTAATGCAAGACTA 131
 Db 181 TATGGCTCCACTGTCTGTTGTACCAAAATCCGGACAGATCAGATCTG 240

QY 312 GTGCTGACCTCTCATTAATCTGGAGAGAACCCCTATGTGCTGTCGACCCCTGGTATTGT 371
 QY 421 GTGATGAAATTACTTGTCTGGGAGAAATCCCTCACCATCTGAAGCCCGGCCTGT 480

QY 372 GCATTTCTCTCAGAAATCAGGTTTCAGAAGTGGAGAGATTATAATTGTGAAATGAG 431
 Ddb 481 GCGAGCCCTGCGAACAGCATTTGAGGGAAGATTAAACGTAAATGTGAGG 540

QY 432 CTTCCCTATATCTGCAAA-TTCAGGCTCTAGGGCAATTCTAACAGCTGAAAT 490
 Ddb 541 TTACCTCTATGTCCTCAAAGTCACTGACTAGTGGAGGGAACTGACGCCCTGTGTT 600

QY 491 ATTATGAGCTCACATGGACAAGGAAGCAAGTAGTGGATTCACTCAGGAGGCA 546
 Ddb 601 GGTTGCACTCATGGCATGAGCACTGAGGACTCTGAGGAGCTCACCTGGAGAGAA 656

RESULT 12
 US-07-778156-1
 Sequence 1, Application US/07778156
 ; Patient No. 5436169
 ; GENERAL INFORMATION:
 ; APPLICANT: IOVANNA, JUAN-LUCIO
 ; APPLICANT: KEIM, VOLKER
 ; APPLICANT: DAGORN, JEAN-CHARLES
 ; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
 ; PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 ; PANCREATITIS
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 ; ADDRESSEE: P.C.
 ; STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTY: U.S.A.
 ; ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07778,156
 FILING DATE: 1991/12/19
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Oblon, No. 5436169man F.
 REGISTRATION NUMBER: 24,618
 REFERENCE/DOCKET NUMBER: 354-012-0 PCPT
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 521-4500
 TELEFAX: (703) 486-2347
 TELEX: 241855 OPAT UR
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 793 base pairs
 TYPE: NUCLEIC ACID
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: cDNA to mRNA
 ORIGINAL SOURCE:
 ORGANISM: rat
 TISSUE TYPE: pancreas
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 62..613

Query Match Score 227.6; DB 1; Length 793;
 - Best Local Similarity 65.4%; Pred. No. 2.5e 65;
 Matches 349; Conservative 0; Mismatches 184; Indels 1; Gaps

US-07-778156-1

REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703)521-4500
 TELEFAX: (703)486-2347
 TELEX: 244855 OPAT UR
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 793 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: cDNA to mRNA
 ORIGINAL SOURCE:
 ORGANISM: rat
 TISSUE TYPE: pancreas
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 62..613

5-08-422-166-1

Query	Match	Score	Length	DB	2;
Best Local Similarity	40.8%	227.6	793;		
Matches	349;	Pred. No.	2.5e-65;		
Conservative	65.4%	Mismatches	184;	Indels	1;
	0;				Gaps
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O	140 GAAGACCTCCGAAAGAAATACCCCTGACGCCATTAGTGCACGCTTAATGTCGCCAAGGCTCCAGGCA 199				
Y	72 TATGGGTCCTATGCTATTACTGATTGTTGATACCACAGACCTGGCTTAATGCGAACTA 131				
O	200 TAAGGMPCCATTACTGCTATGCCCUTGAGACCTGGCTTAATGCGAACTG 259				
Y	132 TCTGCCAGATGCTTCTAGGACACTTCTAGGATCTTCTCAGTACTGTTGAAATTAC 191				
O	260 GCTGCCAGAAGAGACCTGGAAGACCTTGTATCTGCTCAATGTAAGGCTCA 319				
Y	192 TTCTGTGTCCTCCCTTGTAAGACAGTTGACGGCTTACACAGTACATCTGGATTGGACT 251				
O	320 TTCTTGGCATCCATGGTCAGAACAGTGGAAACAGTACAATATACCTGGATTGGACT 379				
Y	252 CATGATECCCTACATGGTAACATACCTACCCAAACGGAAAGTGGAAAGTGGCAGTTCCAAT 311				
O	380 CATGACCCCACTCTGTGAGAACCCATGAGGAGGAGGAGGAGGAGGAGGAGGATACAATG 439				
Y	312 GTGCTGACCTCTTATACTGGAGAGGAAACCCCTATATTGCTGACCTGGTGTATTG 371				
O	440 ATAATGAAATTATGTCAACTGGAGAGGAAACCCATCTACTGCTTATAGCCGGATCTGT 499				
Y	372 GGAGTTGTTCAGAAATCAGTTTTCAGAAGTGGAGAGTTAAATTGTGAAAATG-A 430				
O	500 GGCAGCTTGTCAAGATCTCTGGATTCATAATGGAGATAACCAATGTGAGTGA 559				
Y	431 GCTTCCCTATATCTGCAAAATCAGGGTCAAGGCTAGCTTAATTCACAGCTTGAATAAT 490				
O	560 GTTGGCCCTAGCTGCAAAATTACAGGTAAATTACAGGACAGAAACAGCTTGTAGTT 619				
Y	491 ATTATGAAGCTCACATGCAAGGAACAGTGGAGTACACTGGAAAGAG 544				
O	620 GTCCTGAGCACATCCCTGCAAGGGCAAATAATGAGACAGTGGTAGAAAGAG 673				

RESULT 14
 5-07-778-156-8
 Sequence 8, Application US/07778156
 Patent No. 5436169
 GENERAL INFORMATION:
 APPLICANT: IOVANNA, JUAN-LUCIO
 APPLICANT: KEIM, VOLKER
 APPLICANT: DAGORN, JEAN-CHARLES
 TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE PANCREATITIS
 TITLE OF INVENTION: PANCREATITIS, NUMBER OF SEQUENCES: 12
 NUMBER OF SEQUENCES: 12

RESULT 15
 US-08-422-166-8 Application 8, Sequence 8, Application US/08422166
 ; Paten No. 5959086
 ; GENERAL INFORMATION:
 ; APPLICANT: IOVANNA, JUAN-LUCIO
 ; APPLICANT: KEIM, VOLKER
 ; APPLICANT: DAGORN, JEAN-CHARLES
 ; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE PANCREATITIS
 ; TITLE OF INVENTION: PANCREATITIS
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT,
 ; ADDRESSE: P.C.
 ; STREET: 1755 Jefferson Davis Highway / Fourth Floor
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTRY: U.S.A.
 ; ZIP: 22202
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: FLOPPY disk
 ; COMPUTER: IBM PC Compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/422,166
 ; FILING DATE: 14-APR-1995
 ; CLASSIFICATION: A35
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/778,156
 ; FILING DATE: 19-DEC-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Oblon, No. 5959086man F.
 ; REFERENCE/DOCKET NUMBER: 24,618
 ; REFERENCE/DOCKET NUMBER: 334-012-0 PCT
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (703) 452-4200
 ; TELEX: (703) 486-2347
 ; INFORMATION FOR SEQ ID NO: 8:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 474 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: cDNA
 ; ORIGINAL SOURCE:
 ; ORGANISM: rat
 ; TISSUE TYPE: pancreas
 ; US-08-422-166-8

Query	Match	Score	Length
Qy	12 GAAGATCTAAAGAAACTGGCTTCAAGTAAACCTGTCATAAGGTCTCTGATGCC 71	37.5%	474;
Db	1 GAACTCGCAAAAATACCCCTGCAGCATTAAGTGGCCCAAAGGTCCAGAGCA 60		
Qy	72 TATGGCTTATGGCTTCACTGATTGATCCAGACAGCTGCTTAATCAGAACAT 131		
Db	61 TATGGCTTACTGGCTTGATGAGAACCTTGATGAGACCTGTTGATGAGA 120		
Qy	132 TCCGTGGAGATGGCATTTCTCAGGAACCTGGCATTTCTCAGTGGCTAAATTAC 191		
Db	121 GCCTGGAGAGAGACTGAGAACCTTGATGAGAACCTTGATGAGCTCAAGCTCA 180		
Qy	192 TTGGTGTCCCTCTGTAAGAACAGTTGAGCCCTACCACTGTTGATGGACT 251		
Db	181 TGGTGGCATGGCTGAGAACATGGAAACAGTACCCATATACGGTGGACT 240		

Best Local Similarity 68.0%; Pred. No. 2.2e-59;
 Matches 306; Conservative 0; Mismatches 143; Indels 1; Gaps

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Qy 252 CAGATCCCTCACATGGTACACTACCAACCGGAAGTGGATGGGAACTGGCAGTTCCAAAT 311
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Db 241 CAAGACCCCACTCTGGGAGAACCCAAATGGGGTGGATGGGAGTGGAGTAACAATGAC 300
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Qy 312 GTGCTGACCTTCTATAACTGGGAGGAAACCCCTCATGGCTGACCCGGGTATTGTT 371
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 301 ATAATGAAATTATGTCGAATGGGAGGAAACCCATCTACTGCCCTAGACCGGGATTCGT 360
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Qy 372 GCAGTTTGTCTCAGAAATCAGGTTCAGAAGTGAGAGATTAAATGTGAAATAATG-A 430
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 361 GGCAGCTCTCAAGATCTCTGGATTCTTAAGATGGAGATAACATGTGAAACTGAA 420
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Qy 431 GCTTCCTATATCTCGAAATTCAAGGTCTA 460
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Db 421 GTTGCCTACGTCCTGCARATTCAAGGTTA 450
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Search completed: February 13, 2003, 21:17:02
Job time : 52 secs

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: February 13, 2003, 18:25:40 ; Search time 114 Seconds
(without alignments)

Scoring table: IDENTITY NUC GapOp 10.0 , Gapext 1.0

Searched: 424239 seqs, 254661826 residues

Total number of hits satisfying chosen parameters: 848478

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing : Minimum Match 0⁸
Maximum Match 100⁸

Listing first 45 summaries

Database : Published_Applications_NA:*

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12: /cgn2_6/podata/1/pubnra/US10_PUBCOMB.seq:*

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14: /cgn2_6/podata/1/pubnra/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description	Score	Match	Length	DB ID	Best Local Similarity	Score	Match	Length	DB ID
1	516	92.5	586	10	US-09-739-262-3	Sequence 3, Appli	92.5	586	10	US-10-174-579-423	859	9	US-10-174-579-423	Sequence 423, App
2	247	44.3	859	9	US-09-978-25A-451	Sequence 451, Appli	44.3	859	9	US-10-174-588-423	859	9	US-10-174-588-423	Sequence 423, App
3	247	44.3	859	9	US-09-978-697-451	Sequence 451, Appli	44.3	859	9	US-10-175-740-423	859	9	US-10-175-740-423	Sequence 423, App
4	247	44.3	859	9	US-09-978-192A-451	Sequence 451, Appli	44.3	859	9	US-10-175-739-423	859	9	US-10-175-739-423	Sequence 423, App
5	247	44.3	859	9	US-09-978-832A-451	Sequence 451, Appli	44.3	859	9	US-10-175-743-423	859	9	US-10-175-743-423	Sequence 423, App
6	247	44.3	859	9	US-09-977-189-451	Sequence 451, Appli	44.3	859	9	US-10-176-888-423	859	9	US-10-176-888-423	Sequence 423, App
7	247	44.3	859	9	US-10-177-530-423	Sequence 423, Appli	44.3	859	9	US-10-176-494-423	859	9	US-10-176-494-423	Sequence 423, App
8	247	44.3	859	9	US-10-176-758-423	Sequence 423, Appli	44.3	859	9	US-10-176-747-423	859	9	US-10-176-747-423	Sequence 423, App
9	247	44.3	859	9	US-10-175-737-423	Sequence 423, Appli	44.3	859	9	US-10-174-582-423	859	9	US-10-174-582-423	Sequence 423, App
10	247	44.3	859	9	US-10-173-706-423	Sequence 423, Appli	44.3	859	9	US-10-175-738-423	859	9	US-10-175-738-423	Sequence 423, App
11	247	44.3	859	9	US-10-175-752-423	Sequence 423, Appli	44.3	859	9	US-10-175-752-423	859	9	US-10-175-752-423	Sequence 423, App
12	247	44.3	859	9	US-10-176-882-423	Sequence 423, Appli	44.3	859	9	US-10-176-882-423	859	9	US-10-176-882-423	Sequence 423, App
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14	247	44.3	859	9	US-10-176-757-423	Sequence 423, Appli	44.3	859	9	US-10-176-757-423	859	9	US-10-176-757-423	Sequence 423, App
15	247	44.3	859	9	US-10-176-913-423	Sequence 423, Appli	44.3	859	9	US-10-176-913-423	859	9	US-10-176-913-423	Sequence 423, App
16	247	44.3	859	9	US-10-180-532-423	Sequence 423, Appli	44.3	859	9	US-10-180-557-423	859	9	US-10-180-557-423	Sequence 423, App
17	247	44.3	859	9	US-10-173-700-423	Sequence 423, Appli	44.3	859	9	US-10-173-700-423	859	9	US-10-173-700-423	Sequence 423, App
18	247	44.3	859	9	US-10-174-572-423	Sequence 423, Appli	44.3	859	9	US-10-174-572-423	859	9	US-10-174-572-423	Sequence 423, App

ALIGNMENTS

RESULT 1
US-09-739-262-3

; Sequence 3, Application US-09739262

; Patent No. US200203176AI

; GENERAL INFORMATION:

; APPLICANT: Dieckraefel, Brian K.

; TITLE OF INVENTION: Gene Markers for Chronic Mucosal Injury

; FILE REFERENCE: 04255.75314

; CURRENT FILING DATE: 2000-12-19

; PRIOR APPLICATION NUMBER: 09/146, 969

; PRIORITY FILING DATE: 1998-09-04

; NUMBER OF SEQ ID NOS: 5

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO: 3

; LENGTH: 586

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-739-262-3

Query Match 92.5%; Score 516; DB 10; Length 586;

Best Local Similarity 99.0%; Pred. No. 2.2e-151;

Matches 519; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 3 GCGGATCCGGAAAGAACATCTAAAGAAAACGCGCTTCCTCACGTATAACCGTCTCCCAAGGC 62

Db 63 GTGGAGGTGAAAGAACATCTAAAGAAAACGCGCTTCCTCACGTATAACCGTCTCCCAAGGC 122

Qy 63 TCTGTAGCTATGGTCCATTGGTATTACTGATTGTATACAGACTGTCTTAAT 122

Db 123 TCTGTAGCTATGGTCCATTGGTATTACTGATTGTATACAGACTGTCTTAAT 182

Qy 123 GCAGAACTATCCGTTGCTTCAGATGCAATTCTTCAGGACCTTCAGTACTGCT 182

Db 183 GCAGAACTATCCGTTGCTTCAGGACCTTCAGTACTGCT 242

Qy 183 GAAATTACCTTCGTTGCTTCAGGACCTTCAGTACTGCT 242

Db 243 GAAATTACCTTCGTTGCTTCAGGACCTTCAGTACTGCT 302

Qy 243 ATTGGACTCATGATCCCTCAATGGTAACTACCCAAGGAAGTGGATGAGTCGGAGC 302

Db 303 ATGGACTCCATGATCCTCACATGGTACACTACCGAACGGAACTGGATGGAAGTGGGCC 362
 QY AGTTCCAATGTGCTGACCTCTATAACTGGGAGAGGAAACCCCTCTATTCGCTGACCGT 362
 Db 363 AGTTCCAATGTGCTGACCTCTATAACTGGGAGAGGAAACCCCTCTATTCGCTGACCGT 422
 QY 363 GTTATTGTGCAATTGCTCAGAAATCAGGTTTCAGAAGTGGAGACATTAAATG 422
 Db 423 GTTATTGTGCAATTGCTCAGAAATCAGGTTTCAGAAGTGGAGACATTAAATG 482
 QY 423 GAAATGAGCTTCCGATATCTGCAATTCAAGGCCTAGGGCAATTCTAAATCAACAGC 482
 Db 483 GAAATGAGCTTCCGATATCTGCAATTCAAGGCCTAGGGCAATTCTAAATCAACAGC 542
 QY 483 TTGAAAATATTAGAAGCTCACATGGACAGGAAGTATGA 526
 Db 543 TTGAAAATATTAGAAGCTCACATGGACAGGAAGTATGA 586

RESULT 2
 US-09-978-295A-451
 Sequence 451, Application US/09978295A
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillian, Kenneth J.
 APPLICANT: Kijavim, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William T.

TITLE OF INVENTION: Secred and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630P1C11

CURRENT FILING DATE: 2001-10-15
 PRIOR APPLICATION NUMBER: 09-918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60-062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60-064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60-065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60-066364
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60-077450
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60-077632
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60-077641
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60-077649

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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 44.3%; Score 247; DB 9; Length 859;
Best Local Similarity 66.4%; Pred. No. 2.7e-67;
Matches 355; Conservative 0; Mismatches 180; Indexes 0; Caps 0;

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Db 224 TATGGCCTCCCTGCTATGCCATTGTTTGTCACCAAAATCTGGATGAGATCTG 283
Qy 132 TCTGCCAGATCATTCTCAGGACACCTGGCATTCCTCAGTACTGGTAATTAC 191
Db 284 GTTGGCAGAACGGCCCTCGGAAACTGGTGTGCTGAGTGGGCTGAGGGATTC 343
Qy 192 TCGTGTCTCCCTGTGAAGAACAGTTGAGGGCTTACACAGTCTGGATTGGACTC 251
Db 344 TTCTGTCCTCCCTGTTGGGAGCTTACAGTACTACATCTGGATTGGCTC 403
Qy 252 CATGATCCCTCACATGGTACACTACCCAACTGGAAAGTGGATGGAGTTCCAA 311
Db 404 CATGACCCACACAGGCCCTGAGGCTGTAGGGAGATGATGGAGTGGACTGAT 463
Qy 312 GTGCTGACCTCTTATACTGGAGAACCCCTCTATTGCTGCTGAGCGTGTATTGT 371
Db 464 GTGATGATTAATTGCTATGGAGAACCTTACACATTTGCTGAGCTTCCACCAT 523
Qy 372 GGAGTTTGCTCAGAAATCAGTTTCAGAATGTTAATTGTCAAATGAG 431
Db 524 GGAGGCTGTCAAGAACACAGATTCTGAATGGAAAGATTAACTGTGATGAAAG 583
Qy 432 CTTCCCTATATCTGCAAATTCAAGGCTTAACTTCACAGCTTAACTGTTGAAATA 491
Db 584 TTACCCATTGCTGCAATTGAGCTTCAAGGACTTGGAGTGGACTTCAGCTTG 643
Qy 492 TTATGAGCTCATGGACAAAGAAGATGAGGATCTAGGAAAGCA 546
Db 644 GGGTGCAGCTCATGGACATGAGCAGCTGAGCTGAGCTGAGCTGAGGAGAA 698

RESULT 3
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; Sequence 451, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Asikenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bostein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hans Peter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, David L.
; APPLICANT: Stewart, Timothy A.

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APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William J.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE REFERENCE: P2630P1C27
 CURRENT APPLICATION NUMBER: US/09/978, 697
 CURRENT FILING DATE: 2001-10-16
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 PRIOR FILING DATE: 2001-07-30
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match Score 247; DB 9; Length 859;
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		72	TATGGGTCTTATGGCTATTACGATTTGATACCAACACTGCTATGCGAACTTA	131
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		192	TTCGGTGTCTCCCTTGTGAGAACAGTTGACGGCCTAACAGTACATCTGGATGGACTC	251
		344	TTCGGTGTCTCCCTGGTGAAGGACGATTAGTAAACGCTACTACATCTGGATGGCTC	403
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		312	GTGGTGAACCTTCAATAACGGAGGACCCCTATGTCGTTGACCGGGTTATGG	371
		464	GTATGAATTAACCTGGTCAAGGGAAAATTCTCCACATCTAACCTGGCOACTG	523
		372	GCACCTTGTCTCGAAATTCAGGTTTCAGAAGTGGAGATTAAATGTGAAATGAG	431
		524	GGAGGCCCTCAAGAACACAGGATTCTGAATGGAAAGATPATAACTGTGATCAAAG	583
		432	CITCCCTATATCGCAATTCAAGGTCTGGCAGTTCTAATTCAACGCTTAAATA	491
		584	TTACCCATGTGCGCAAGTCAGGACTGGCAGGTGGAAAGTCAGCCGCTCAGCTG	643
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b		644	GCTGCGGCTCATGCAATGACCTGAAAGACTCACCTGGAGAGAGA	698

Sequence 451, Application US/09978192A
Patent No. US 2005017553A1

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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 44.3%; Score 247; DB 9; Length 859;
Best Local Similarity 66.4%; Pred. No. 2.7e-67;
Matches 355; Conservative 0; Mismatches 180; Indels 0; Gaps 0;

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Db 164 GAAGAAACCAGAGGAAGTGCCCTCAGGATCACTGTCAGGGATC 223
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Db 344 TTCTGTCTCTCCCTGGTGAAGAACAGTTGACGGCTTACGAGATGGATGAC 403

Qy 252 CATGATCCCTACATGGTACACTACCCAAACGGAACTGGGAGTTGGGAGCTTCGAAT 311
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Qy 312 GTGCTAACCTCTATAACTGGAGGAAACCCTTATGCTGTGACCGTGGTATTGT 371
 Db 464 GTGATAATTACTTGATGGAGAAAAATCCCTCACCATCTAAACCTGGCCACTGT 523

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 Db 524 GGAGGCTGTCAGAAGCACAGATTCAGTTCAAGTGAACATATAACTGTGATGCAAAG 583

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 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Dasnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
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 ; APPLICANT: Gao, Wei-Qiang
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 ; APPLICANT: Goddard, Audrey
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 ; APPLICANT: Grimaldi, J. Christopher
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 ; APPLICANT: Paoni, Nicholas F.
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 ; APPLICANT: Shelton, David L.
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 ; APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630PIC63
 CURRENT APPLICATION NUMBER: US/09/999,832A
 CURRENT FILING DATE: 2001-10-24
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Db   584  TTACCCCTATGCTGCAAGTCAAGGACTGGCAGGGGAGTCAAGCTCAGCTTG 643
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; GENERAL INFORMATION:
;   APPLICANT: Ashkenazi, Avi
;   APPLICANT: Baker, Kevin P.
;   APPLICANT: Boltstein, David
;   APPLICANT: Desnoyers, Luc
;   APPLICANT: Eaton, Dan
;   APPLICANT: Ferrara, Napoleon
;   APPLICANT: Filvaroff, Ellen
;   APPLICANT: Fong, Sherman
;   APPLICANT: Gao, Wei-Qiang
;   APPLICANT: Gerber, HansPeter
;   APPLICANT: Gerritsen, Mary E.
;   APPLICANT: Goddard, Audrey
;   APPLICANT: Godowski, Paul J.
;   APPLICANT: Grimaldi, J. Christopher
;   APPLICANT: Gurney, Austin L.
;   APPLICANT: Hillian, Kenneth J.
;   APPLICANT: Klijaviv, Ivar J.
;   APPLICANT: Kuo, Sophia S.
;   APPLICANT: Napier, Mary A.
;   APPLICANT: Pan, James
;   APPLICANT: Paoni, Nicholas F.
;   APPLICANT: Roy, Margaret Ann
```

APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
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; APPLICANT: Pan,James
 ; APPLICANT: Smith,Victoria
 ; APPLICANT: Watanabe,Colin K.
 ; APPLICANT: Wood,William I.
 ; APPLICANT: Zhang,Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; CURRENT APPLICATION NUMBER: US/10/173,706
 ; CURRENT FILING DATE: 2002-06-17
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 612
 ; SEQ ID NO: 423
 ; LENGTH: 859
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; US-10-173-738-423

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; APPLICANT: Baker, Kevin P.	9	859;			
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; APPLICANT: Godowski,Paul J.	9	859;			
; APPLICANT: Gurney,Austin L.	9	859;			
; APPLICANT: Pan,James	; APPLICANT: Pan,James	; APPLICANT: Pan,James	; APPLICANT: Pan,James	9	859;
; APPLICANT: Smith,Victoria	; APPLICANT: Smith,Victoria	; APPLICANT: Smith,Victoria	; APPLICANT: Smith,Victoria	9	859;
; APPLICANT: Watanabe,Colin K.	9	859;			
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC	TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC	TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC	TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC	9	859;

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OM protein - protein search, using sw mode.

Run on: February 13, 2003, 22:30:21 ; Search time 3.23383 Seconds
 (without alignments)

Total: 236.560 Million cell updates/sec

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Perfect score: 144

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Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0*

Maximum Match 100%

Listing first 45 summaries

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 6: /cgn2_6/potodata/2/iaa/backfiles/pep:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	144	100.0	175	1	US-08-909-725-6	Sequence 6, Appli
3	139	96.5	174	2	US-08-909-530A-2	Sequence 2, Appli
4	139	96.5	174	2	US-08-709-662-2	Sequence 2, Appli
5	85	59.0	174	1	US-07-778-156-7	Sequence 7, Appli
6	85	59.0	174	2	US-08-222-261-4	Sequence 4, Appli
7	85	59.0	174	2	US-08-422-166-7	Sequence 7, Appli
8	85	59.0	175	2	US-08-464-637-2	Sequence 2, Appli
9	85	59.0	175	2	US-08-401-530A-4	Sequence 4, Appli
10	85	59.0	175	2	US-08-709-662-4	Sequence 4, Appli
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17	71.5	49.7	174	2	US-08-401-530A-5	Sequence 5, Appli
18	71.5	49.7	174	2	US-08-709-662-5	Sequence 5, Appli
19	56	38.9	378	4	US-09-482-180A-2	Sequence 2, Appli
20	48	33.3	139	1	US-08-291-299-6	Sequence 6, Appli
21	48	33.3	139	5	PCT-US95-10579-6	Sequence 6, Appli
22	46	31.9	614	1	US-08-291-299-7	Sequence 7, Appli
23	46	31.9	614	5	PCT-US95-10579-7	Sequence 7, Appli
24	46	31.9	649	4	US-09-188-930-305	Sequence 305, Appli
25	45	31.2	1190	1	US-08-337-690A-2	Sequence 2, Appli
26	45	31.2	1190	4	US-09-048-887-2	Sequence 2, Appli
27	44	30.6	83	4	US-09-145-828A-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
 US-08-909-725-5
 ; Sequence 5, Application US/08909725
 ; Patent No. 5804421
 ; GENERAL INFORMATION:
 ; APPLICANT: Vinik, Aaron
 ; APPLICANT: Pittenger, Gary
 ; APPLICANT: Rafaeloff-Dhail, Ronit
 ; APPLICANT: Barlow, Scott
 ; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
 ; NUMBER OF SEQUENCES: 6
 ; CORRESPONDENCE ADDRESS: 6
 ; ADDRESSEE: Banner & Witcoff, Ltd.
 ; STREET: 1001 G Street, N.W.
 ; CITY: Washington
 ; STATE: DC
 ; COUNTRY: USA
 ; ZIP: 20001
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSEQ FOR Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/909,725
 ; FILING DATE: 12-AUG-1997
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 07/41,096
 ; FILING DATE: 30-OCT-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kagan, Sarah A
 ; REGISTRATION NUMBER: 32,145
 ; REFERENCE/DOCKET NUMBER: 0570_05173
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-508-9100
 ; TELEFAX: 202-508-9299
 ; TELEX: 97430 BMB UT
 ; INFORMATION FOR SEQ ID NO: 5:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 26 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; US-08-909-725-5
 ; Query Match Best Local Similarity 100.0% ; Score 144; DB 1; Lengh 26;
 ; Pred. No. 7.9e-14;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MMLPMTLCRMSSWMLLSCLMFLSVEG 26
 Db 1 MMLPMTLCRMSSWMLLSCLMFLSVEG 26

RESULT 2
 US-09-909-725-6
 Sequence 6, Application US/08909725
 GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron
 APPLICANT: Pittenger, Gary
 APPLICANT: Rafaeloff-Phail, Ronit
 APPLICANT: Barlow, Scott
 TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
 TITLE OF INVENTION: INGAP IN BACTERIAL AND EUKARYOTIC CELLS
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Banner & Witcoff, Ltd.
 STREET: 1001 G Street, N.W.
 CITY: Washington
 STATE: DC
 COUNTRY: USA
 ZIP: 20001

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/909,725
 FILING DATE: 12-AUG-1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/741,096
 FILING DATE: 30-OCT-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A
 REGISTRATION NUMBER: 32,145
 REFERENCE/DOCKET NUMBER: 0570.05173
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-508-9100
 TELEFAX: 202-508-9299

TELEX: 97430 BIB UT
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 175 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein

US-09-909-725-6

Query Match 100.0%; Score 144; DB 1; Length 175;
 Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MMLPMTLCRMSSWMLLSCLMFLSVEG 26
 Db 1 MMLPMTLCRMSSWMLLSCLMFLSVEG 26

RESULT 3
 US-08-401-530A-2
 Sequence 2, Application US/08401530A
 ; Patent No. 5834390
 ; GENERAL INFORMATION:
 ; APPLICANT: Vinik, Aaron I.
 ; APPLICANT: Pittenger, Gary L.
 ; APPLICANT: Rafaeloff, Ronit
 ; APPLICANT: Rosenberg, Lawrence

; APPLICANT: Duguid, William P.
 ; TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 ; ISLET NEOGENESIS
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESS:
 ; STREET: 1001 G Street, N.W.
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: US
 ; ZIP: 20001-4597
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/401,530A
 ; FILING DATE: 22-FEB-1995
 ; CLASSIFICATION: 800
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kagan, Sarah A.
 ; REGISTRATION NUMBER: 32,145
 ; REFERENCE/DOCKET NUMBER: 00570.48743
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-508-9100
 ; TELEFAX: 202-508-9299
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 174 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-401-530A-2
 ; Query Match 96.5%; Score 139; DB 2; Length 174;
 ; Best Local Similarity 100.0%; Pred. No. 2.7e-12;
 ; Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 ; QY 2 MLLPMTLCRMSSWMLLSCLMFLSVEG 26
 ; Db 1 MLLPMTLCRMSSWMLLSCLMFLSVEG 25
 ;
 ; RESULT 4
 ; US-08-709-662-2
 ; Sequence 2, Application US/08709662
 ; Patent No. 5840531
 ; GENERAL INFORMATION:
 ; APPLICANT: Vinik, Aaron I.
 ; APPLICANT: Pittenger, Gary L.
 ; APPLICANT: Rafaeloff, Ronit
 ; APPLICANT: Rosenberg, Lawrence
 ; APPLICANT: Duguid, William P.
 ; TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 ; ISLET NEOGENESIS
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESS:
 ; STREET: 1001 G Street, N.W.
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: US
 ; ZIP: 20001-4597
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/709,662
 ; FILING DATE: 09-SEP-1996
 ; CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A.
 REGISTRATION NUMBER: 32,141
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-508-9100
 TELEFAX: 202-508-9299
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 174 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein

US-08-709-662-2

Query Match 96.5%; Score 139; DB 2; Length 174;
 Best Local Similarity 100.0%; Pred. No. 2.7e-12;
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 MLPPMTLCRMSSWMLLSCLMPLSWVEG 26
 Db 1 MLPPMTLCRMSSWMLLSCLMPLSWVEG 25

RESULT 5
 US-07-778-156-7
 ; Sequence 7, Application US/07778156
 ; Patent No. 5436169
 GENERAL INFORMATION:
 APPLICANT: JOVANNA, JUAN-LUCIO
 APPLICANT: KEIM, VOLKER
 APPLICANT: DAGORN, JEAN-CHARLES
 TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
 TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT
 ADDRESS: P.C. 1755 Jefferson Davis Highway, Fourth Floor
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/778,156
 FILING DATE: 1991.2.19
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: OBLON, NO. 54-36169 man F.
 REGISTRATION NUMBER: 24,618
 REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 TELEPHONE: (703)521-4500
 TELEX: (703)486-2347
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 174 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 ORIGINAL SOURCE: Homo sapiens
 ORGANISM: Homo sapiens

US-07-778-156-7

Query Match 59.0%; Score 85; DB 1; Length 174.

Best Local Similarity 65.4%; Pred. No. 8.1e-05; Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;
 QY 1 MMMPMTLCRMSSWMLLSCLMPLSWVEG 26
 DB 1 MLPPMTLCRMSSWMLLSCLMPLSWVEG 26

RESULT 6
 US-08-822-261-4
 ; Sequence 4, Application US/08822261
 ; Patent No. 5935813
 ; GENERAL INFORMATION:
 ; APPLICANT: Hillman, Jennifer L.
 ; APPLICANT: Golli, Surya K.
 ; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
 ; PROTEIN
 ; NUMBER OF SEQUENCES: 6
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Incyte Pharmaceuticals, Inc.
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSQL for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/822,261
 ; FILING DATE: Filed Herewith
 ; CLASSIFICATION: 530
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0251 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-855-0555
 ; TELEFAX: 415-845-4166
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 174 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; IMMEDIATE SOURCE:
 ; LIBRARY: GenBank
 ; CLONE: 189001
 US-08-822-261-4

Query Match 59.0%; Score 85; DB 2; Length 174;
 Best Local Similarity 65.4%; Pred. No. 8.1e-05; Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;
 QY 1 MMPLPMTLCRMSSWMLLSCLMPLSWVEG 26
 DB 1 MLPPMTLCRMSSWMLLSCLMPLSWVEG 26

RESULT 7
 US-08-422-166-7
 ; Sequence 7, Application US/08422166
 ; Patent No. 5959036
 ; GENERAL INFORMATION:
 ; APPLICANT: JOVANNA, JUAN-LUCIO
 ; APPLICANT: KEIM, VOLKER
 ; APPLICANT: DAGORN, JEAN-CHARLES
 ; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE

TITLE OF INVENTION: PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 TITLE: PANCREATITIS
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT,
 STREET: 1755 Jefferson Davis Highway, Fourth Floor
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/422,166
 FILING DATE: 14-APR-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/778,156
 FILING DATE: 19-DEC-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Oblon, No. 5959086man F.
 REGISTRATION NUMBER: 24,618
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703)521-4500
 TELEX: 248855 OPAT UR
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 174 amino acids
 TYPE: amino acid
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 TISSUE TYPE: pancreas
 US-08-422-166-7

Query Match 59.0%; Score 85; DB 2; Length 174;
 Best Local Similarity 65.4%; Pred. No. 8.1e-05; Indels 0; Gaps 0;

1 NMLPMTLCRMSWMLLSCLMFLSWEG 26
 1 MLPMPALPSVSNMLLSCLMLLSQVQG 26

RESULT 8
 US-08-464-637-2

Sequence 2, Application US/08464637
 Patent No. 5834214
 GENERAL INFORMATION:
 APPLICANT: Iovanna, Juan Lucio
 APPLICANT: Dagorn, Jean-Charles
 APPLICANT: Sarles, Jacques
 APPLICANT: Keim, Volker
 TITLE OF INVENTION: Detection of Pancreatitis-Associated
 TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
 STREET: P.O. Box 747
 CITY: Falls Church
 STATE: Virginia
 COUNTRY: USA
 ZIP: 22040-3487
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk

/ COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: PatentIn Release #1.0, Version #1.30
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/464,637
 / FILING DATE: 30-AUG-1995
 / CLASSIFICATION: 435
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Murphy Jr., Gerald M.
 / REGISTRATION NUMBER: 28,577
 / REFERENCE/DOCKET NUMBER: 2121-107P
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 703-205-8000
 / TELEFAX: 703-205-8050
 / INFORMATION FOR SEQ ID NO: 2:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 175 amino acids
 / TYPE: amino acid
 / TOPOLOGY: linear
 / MOLECULE TYPE: protein
 / US-08-464-637-2

Query Match 59.0%; Score 85; DB 2; Length 175;
 Best Local Similarity 65.4%; Pred. No. 8.2e-05; Indels 0; Gaps 0;

QY 1 NMLPMTLCRMSWMLLSCLMFLSWEG 26
 DB 1 MLPMPALPSVSNMLLSCLMLLSQVQG 26

RESULT 9
 US-08-011-530A-4

Sequence 4, Application US/08401530A
 ; Patent No. 5834590
 / GENERAL INFORMATION:
 / APPLICANT: Vinik, Aaron I.
 / APPLICANT: Pittenger, Gary L.
 / APPLICANT: Rafeloff, Ronit
 / APPLICANT: Rosenberg, Lawrence
 / APPLICANT: Duguid, William P.
 / TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 / TITLE OF INVENTION: ISLET NEOGENESIS
 / NUMBER OF SEQUENCES: 7
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Banner & Allegretti
 / STREET: 1001 G Street, N.W.
 / CITY: Washington
 / STATE: D.C.
 / COUNTRY: US
 / ZIP: 20001-4597
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS
 / SOFTWARE: PatentIn Release #1.0, Version #1.25
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/401,530A
 / FILING DATE: 22-FEB-1995
 / CLASSIFICATION: 800
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Kagan, Sarah A.
 / REGISTRATION NUMBER: 32,141
 / REFERENCE/DOCKET NUMBER: 00570-48743
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 202-508-9100
 / TELEFAX: 202-508-9299
 / INFORMATION FOR SEQ ID NO: 4:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 175 amino acids
 / TYPE: amino acid
 / MOLECULE TYPE: protein

ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-401-530A-4

Query Match Score 85; DB 2; Length 175;
Best Local Similarity 65.4%; Pred. No. 8.2e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMWSWMLSCLMFLSWVGG 26
Db 1 MLPPMALPSYSWMLSCLMLSQVQG 26

RESULT 10
US-08-709-662-4

Sequence 4, Application US/0809662

Patent No. 5840531

GENERAL INFORMATION:

APPLICANT: Vinik, Aaron I.

APPLICANT: Pittenger, Gary L.

APPLICANT: Rafaeloff, Ronit

APPLICANT: Rosenberg, Lawrence

APPLICANT: Duguid, William P.

TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC TUMOR NEONTOGENESIS

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESS: Banner & Witcoff, Ltd.
STREET: 1001 G Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: US
ZIP: 20001-4597

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/709, 662
FILING DATE: 09-SEP-1996
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Kagan, Sarah A.
REGISTRATION NUMBER: 32, 141
REFERENCE NUMBER: 00570.59178

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-508-9100
TELEFAX: 202-508-9299

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 175 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-709-662-4

Query Match Score 85; DB 2; Length 175;
Best Local Similarity 65.4%; Pred. No. 8.2e-05;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMWSWMLSCLMFLSWVGG 26
Db 1 MLPPMALPSYSWMLSCLMLSQVQG 26

RESULT 11
US-08-822-261-3

Sequence 3, Application US/08822261

Patent No. 5935813

GENERAL INFORMATION:

APPLICANT: Hillman, Jennifer L.

TITLE OF INVENTION: NOVEL HUMAN PANCAEATITIS-ASSOCIATED PROTEIN

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:

STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/822,261
 FILING DATE: Filed Herewith
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 16,749
 REFERENCE/DOCKET NUMBER: PF-0251 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555
 TELEFAX: 415-847-4166

SEQUENCE CHARACTERISTICS:
 LENGTH: 175 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear

IMMEDIATE SOURCE:
 LIBRARY: ISLTNT01
 CLONE: 2072483

US-08-822-261-1

Query Match Score 52.8%; Pred. No. 0.0014; Length 175;
 Best Local Similarity 57.7%; Mismatches 7; Indels 0; Gaps 0;
 Matches 15; Conservative 4;

QY 1 MMLPMTLCRMWSWMLSCLMFLSWVEG 26
 Db 1 MLPPMALPSWSWMLSCLLCQVG 26

RESULT 13
 US-08-401-530A-3
 Sequence 3, Application US/08401530A
 Patent No. 584031

GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron I.
 APPLICANT: Pittenger, Gary L.
 APPLICANT: Rafealoff, Ronit
 APPLICANT: Rosenberg, Lawrence
 APPLICANT: Duguid, William P.
 TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Banner & Witcoff, Ltd.
 STREET: 1001 G Street, N.W.
 CITY: Washington
 STATE: D.C.
 ZIP: 20001-4597
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/709,662
 FILING DATE: 09-SEP-1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A.
 REGISTRATION NUMBER: 32,141
 REFERENCE/DOCKET NUMBER: 00570-59178
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-508-9100
 TELEFAX: 202-508-9299
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 175 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Rattus rattus

US-08-709-662-3

Query Match Score 50.7%; Pred. No. 0.0038; Length 175;
 Best Local Similarity 82.4%; Mismatches 2; Indels 0; Gaps 0;

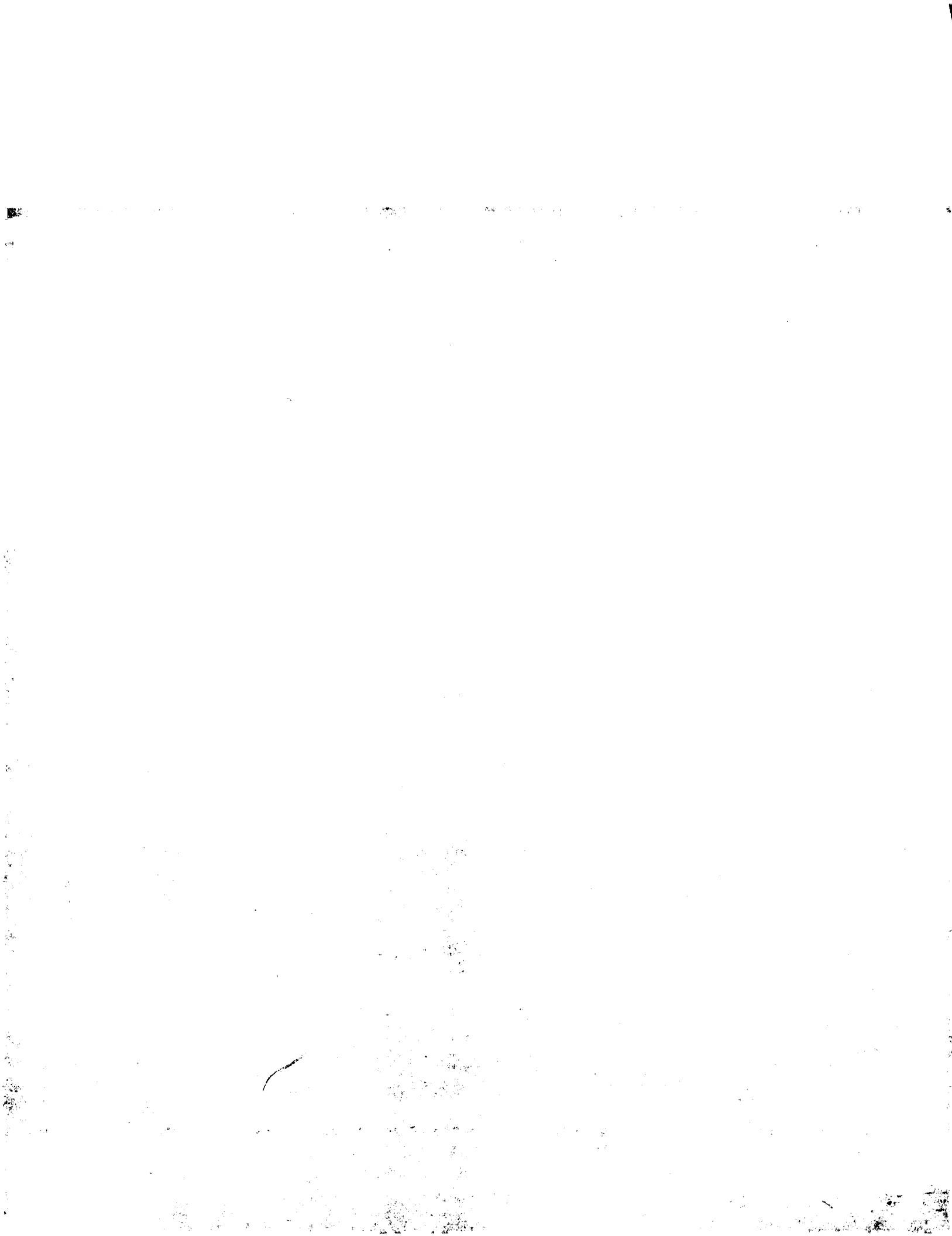
QY 10 MSMWLLSCLMFLSWVEG 26
 Db 10 MSMWLLSCLMFLSQVQG 26

SEQUENCE CHARACTERISTICS:
 LENGTH: 175 amino acids

RESULT 15
 US-07-778-156-2
 ; Sequence 2, Application US/07778156
 ;
 ; GENERAL INFORMATION:
 ; APPLICANT: IOVANNA, JUAN-LUCIO
 ; KEIM, VOLKER
 ; APPLICANT: DAGORN, JEAN-CHARLES
 ; TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE
 ; PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE
 ; TITLE OF INVENTION: PANCREATITIS
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 ; ADDRESSEES: P.C.
 ; STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ; CITY: Arlington
 ; STATE: Virginia
 ; COUNTRY: U.S.A.
 ; ZIP: 22202
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/07/778.156
 ; FILING DATE: 19911219
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Oblon, No. 5436169man F.
 ; REGISTRATION NUMBER: 24, 618
 ; REFERENCE/DOCKET NUMBER: 354-012-0 PCT
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (703)521-4500
 ; TELEFAX: (703)486-2347
 ; TELEX: 248855 OPAT UR
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 184 amino acids
 ; TYPE: AMINO ACID
 ; TOPOLOGY: Linear
 ; MOLECULE TYPE: protein
 ; US-07-778-156-2

Query Match Score 73; DB 1; Length 184;
 Best Local Similarity 82.4%; Pred. No. 0.004;
 Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
 Qy 10 MSNMLLSCLMFLSVEG 26
 Db 10 MSNMLLSCMLLSQYQG 26

Search completed: February 13, 2003, 22:52:19
 Job time : 4.23383 secs



GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 13, 2003, 22:51:11 ; Search time 10.607 Seconds
(without alignments)
62.626 Million cell updates/sec

Title: US-09-659-379-5

Perfect score: 144

Sequence: MMPLMTLQRMSWMLSLMFLSWVEG 26

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 140259 seqs, 25548876 residues

Total number of hits satisfying chosen parameters: 140259

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Published_Applications_AA:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	85	59.0	106	US-09-925-301-1553	Sequence 1013, AP
2	85	59.0	183	10	Sequence 1013, AP
3	76	52.8	175	9	Sequence 452, APP
4	76	52.8	175	9	Sequence 452, APP
5	76	52.8	175	9	Sequence 452, APP
6	76	52.8	175	9	Sequence 452, APP
7	76	52.8	175	9	Sequence 452, APP
8	76	52.8	175	9	Sequence 424, APP
9	76	52.8	175	9	Sequence 424, APP
10	76	52.8	175	9	Sequence 424, APP
11	76	52.8	175	9	Sequence 424, APP
12	76	52.8	175	9	Sequence 424, APP
13	76	52.8	175	9	Sequence 424, APP
14	76	52.8	175	9	Sequence 424, APP
15	76	52.8	175	9	Sequence 424, APP
16	76	52.8	175	9	Sequence 424, APP
17	76	52.8	175	9	Sequence 424, APP
18	76	52.8	175	9	Sequence 424, APP
19	76	52.8	175	9	Sequence 424, APP

ALIGNMENTS

RESULT 1
US-09-925-301-1553

; Sequence 1553, Application US/09925301

; Patent No. US2002005208A1

; GENERAL INFORMATION:

; APPLICANT: Rosen et al.

; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies

; FILE REFERENCE: PA106

; CURRENT APPLICATION NUMBER: US/09-739-451-4

; CURRENT FILING DATE: 2001-08-10

; PRIORITY APPLICATION NUMBER: PCT/US00/05882

; PRIORITY FILING DATE: 2000-03-08

; PRIORITY APPLICATION NUMBER: 60/124,270

; PRIORITY FILING DATE: 1999-03-12

; NUMBER OF SEQ ID NOS: 1694

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO: 1553

; LENGTH: 106

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE: SITE

; NAME/KEY: SITE

; LOCATION: (3)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (55)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (94)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (103)

; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids

; NAME/KEY: SITE

; LOCATION: (155)

Query Match 59.0%; Score 85; DB 10; Length 106;

Best Local Similarity 65.4%; pred. No. 0.00021;

Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

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Dy 16 MLPPNALPSPYSWMLSCMLLSQVQG 41

RESULT 2
US-09-925-301-1013
; Sequence 1013, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO: 1013
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-301-1013

Query Match 59 0%; Score 85; DB 10; Length 183;
Best Local Similarity 65.4%; Pred. No. 0.00035;
Matches 17; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMWSWMLSCLMFLSWEG 26
Db 9 MLPPKALPSVSWMLSCMLSQVQG 34

RESULT 3
US-09-978-295A-452
; Sequence 452, Application US/09978295A
; Patent No. US20020156006A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillian, Kenneth J.
; APPLICANT: Klijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same
FILE REFERENCE: P2630P1C11
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250

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; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR APPLICATION NUMBER: 60/065311
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 / PRIOR FILING DATE: 2001-10-15
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 / CURRENT FILING DATE: 2001-10-15
 / PRIOR APPLICATION NUMBER: 09/918585
 / FILE REFERENCE: P2630P1C9
 / TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 / Acid Encoding the Same
 / FILE REFERENCE: P2630P1C9
 / CURRENT APPLICATION NUMBER: US/09/978,192A
 / CURRENT FILING DATE: 2001-10-15
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; Query Match      52.8%; Score 76; DB 9;
; Best Local Similarity 57.7%; Pred. No. 0.0046;
; Matches 15; Conservative 4; Mismatches 7; Indels 0;
; Gaps 0;

Qy   1 MMLDNTLCLMSWMLSCMFLSWYEG 26
Db   1 MLPPMALPPSVSWMLLSCLLQCQVG 26

RESULT 6
US-09-999-832A-452
; Sequence 452, Application US/0999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey E.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
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; APPLICANT: Hillian, Kenneth J.
; APPLICANT: Klijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tunas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; ACIDS Encoding the Same
; FILE REFERENCE: P2630P1C63
; CURRENT APPLICATION NUMBER: US/09/999,832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/18585
; PRIOR FILING DATE: 2001-07-30
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 PRIOR APPLICATION NUMBER: 60/079656
 PRIOR FILING DATE: 1998-03-26
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 PRIOR APPLICATION NUMBER: 60/079689
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 PRIOR APPLICATION NUMBER: 60/082804
 PRIOR FILING DATE: 1998-04-22
 PRIOR APPLICATION NUMBER: 60/082700
 PRIOR FILING DATE: 1998-04-22
 PRIOR APPLICATION NUMBER: 60/082797

Query Match 52 / 88; Score 76; DB 9; Length 175;
 Best Local Similarity 57.7%; Pred. No. 0.0046%; Indels 0; Gaps 0;
 Matches 15; Conservative 4; Mismatches 7;

QY 1 MMLPMTLCRMSWMLSLCMLFSLWSVEG 26
 Db 1 MLPPHAIPSVSMUJSLCLLQVG 26

RESULT 7

US-09-978-189-452 ; Sequence 4/52, Application US/09978189
 GENERAL INFORMATION:
 Publication No. US20030004102A1
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Klijavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel A.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same

FILE REFERENCE: P2630P1C7

CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-1

PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-03-10

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 PRIOR FILING DATE: 1998-03-11

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 PRIOR FILING DATE: 1998-03-20

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PRIOR FILING DATE: 1998-03-25
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; PRIOR FILING DATE: 1998-04-29
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046; Matches 4; Indels 0; Gaps 0;

Qy   1 MMLPMTLCRMWSWMLLSCLMFLSNWEG 26
Db   1 MLPPMALPSVSWMLLSCLLLCQVQG 26

; RESULT 8
; US-10-174-590-424

; Sequence 424, Application US/10174590
; Publication No. US20030008352A1
; GENERAL INFORMATION:
;   APPLICANT: Baker, Kevin P.
;   APPLICANT: Chen, Jian
;   APPLICANT: Desnoyers, Luc
;   APPLICANT: Goddard, Audrey
;   APPLICANT: Godowski, Paul J.
;   APPLICANT: Gurney, Austin L.
;   APPLICANT: Pan, James
;   APPLICANT: Smith, Victoria
;   APPLICANT: Watanebe, Colin K.
;   APPLICANT: Wood, William I.
;   APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C42
; CURRENT APPLICATION NUMBER: US/10/174,590
; CURRENT FILING DATE: 2003-06-18
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO: 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-174-590-424

Query Match      52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046; Matches 4; Indels 0; Gaps 0;

Qy   1 MMLPMTLCRMWSWMLLSCLMFLSNWEG 26
Db   1 MLPPMALPSVSWMLLSCLLLCQVQG 26

; RESULT 9
; US-10-176-758-424
; Sequence 424, Application US/10176758
; Publication No. US20030008353A1
; GENERAL INFORMATION:
;   APPLICANT: Baker, Kevin P.
;   APPLICANT: Chen, Jian
;   APPLICANT: Desnoyers, Luc
;   APPLICANT: Goddard, Audrey
;   APPLICANT: Godowski, Paul J.
;   APPLICANT: Gurney, Austin L.
;   APPLICANT: Pan, James
;   APPLICANT: Smith, Victoria
;   APPLICANT: Watanebe, Colin K.
;   APPLICANT: Wood, William I.
;   APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C104
; CURRENT APPLICATION NUMBER: US/10/176,758
; CURRENT FILING DATE: 2002-06-21
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO: 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-758-424

Query Match      52.8%; Score 76; DB 9; Length 175;
Best Local Similarity 57.7%; Pred. No. 0.0046; Matches 4; Indels 0; Gaps 0;

Qy   1 MMLPMTLCRMWSWMLLSCLMFLSNWEG 26
Db   1 MLPPMALPSVSWMLLSCLLLCQVQG 26

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RESULT 10
US-10-175-737-424
; Sequence 424, Application US/10175737
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Smith, James
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEARIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P34-0R1C50
; CURRENT APPLICATION NUMBER: US/10/175/737
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO: 424
; LENGTH: 175
; TYPE: PRF
; ORGANISM: Homo Sapien
; SEQ ID NO: 10-175-737-424
Query Match Score 76; DB 9; Length 175;
Best Local Similarity 57.7%;
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;
Qy 1 MMILPMTLCRMSSWMLLSCLMFLSVEG 26
Db 1 MLPPMALPSVSNMLLSCLLQQVQG 26

RESULT 11
US-10-173-706-424
; Sequence 424, Application US/10173706
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Smith, James
; APPLICANT: Zhang, Zemin
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEARIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P34-0R1C7
; CURRENT APPLICATION NUMBER: US/10/173/706
; CURRENT FILING DATE: 2002-06-17
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO: 424
; LENGTH: 175
; TYPE: PRF
; ORGANISM: Homo Sapien
; SEQ ID NO: 10-173-706-424
Query Match Score 76; DB 9; Length 175;
Best Local Similarity 57.7%;
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

RESULT 12
US-10-175-738-424
; Sequence 424, Application US/10175738
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEARIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P34-0R1C45
; CURRENT APPLICATION NUMBER: US/10/175/738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO: 424
; LENGTH: 175
; TYPE: PRF
; ORGANISM: Homo Sapien
; SEQ ID NO: 10-175-738-424
Query Match Score 76; DB 9; Length 175;
Best Local Similarity 57.7%;
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

RESULT 13
US-10-175-752-424
; Sequence 424, Application US/10175752
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEARIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P34-0R1C60
; CURRENT APPLICATION NUMBER: US/10/175/752
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO: 424
; LENGTH: 175
; TYPE: PRF
; ORGANISM: Homo Sapien
; SEQ ID NO: 10-175-752-424
Query Match Score 76; DB 9; Length 175;
Best Local Similarity 57.7%;
Matches 15; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

RESULT 14
US-10-176-482-424

; Sequence 424, Application US/10176482

; Publication No. US20030022296A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Chen,Jian

; APPLICANT: Desnoyers,Luc

; APPLICANT: Goddard,Audrey

; APPLICANT: Godowski,Paul J.

; APPLICANT: Gurney,Austin L.

; APPLICANT: Pan,James

; APPLICANT: Smith,Victoria

; APPLICANT: Watanabe,Colin K.

; APPLICANT: Wood,William I.

; APPLICANT: Zhang,Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P34_30RIC70

; CURRENT APPLICATION NUMBER: US/10/176,482

; CURRENT FILING DATE: 2002-06-20

; PRIOR APPLICATION removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 612

; SEQ ID NO: 424

; LENGTH: 175

; TYPE: PRT

; ORGANISM: Homo Sapien

; US-10-176-482-424

RESULT 15
US-10-176-757-424

; Sequence 424, Application US/10176757

; Publication No. US20030022297A1

; GENERAL INFORMATION:

; APPLICANT: Baker,Kevin P.

; APPLICANT: Chen,Jian

; APPLICANT: Desnoyers,Luc

; APPLICANT: Goddard,Audrey

; APPLICANT: Godowski,Paul J.

; APPLICANT: Gurney,Austin L.

; APPLICANT: Pan,James

; APPLICANT: Smith,Victoria

; APPLICANT: Watanabe,Colin K.

; APPLICANT: Wood,William I.

; APPLICANT: Zhang,Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P34_30RIC86

; CURRENT APPLICATION NUMBER: US/10/176,757

; CURRENT FILING DATE: 2002-06-20

; PRIOR APPLICATION removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 612

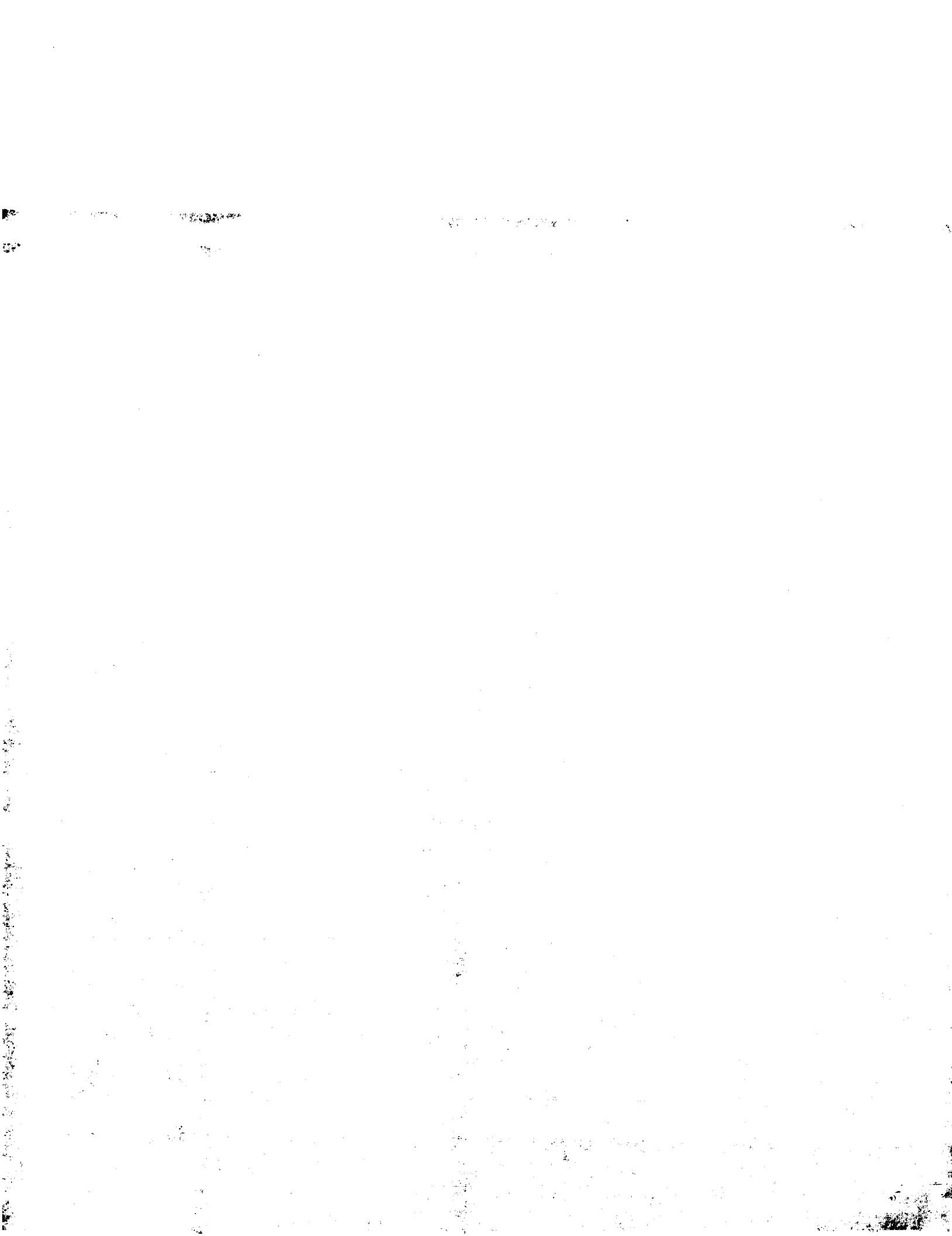
; SEQ ID NO: 424

; LENGTH: 175

; TYPE: PRT

; ORGANISM: Homo Sapien

; US-10-176-757-424



GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 13, 2003, 22:30:21 ; Search time 21.7662 Seconds

(without alignments)
236.560 million cell updates/secTitle: US-09-659-379-6
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Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters:

262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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 6: /cgn2_6/ptodata/2/iaa/backfiles1.pep:/*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB ID	Description
1	963	100.0	175	1	US-09-909-725-6	Sequence 6, Appli
2	958	99.5	174	2	US-08-401-530A-2	Sequence 2, Appli
3	958	99.5	174	2	US-08-709-662-2	Sequence 2, Appli
4	598	62.1	175	2	US-08-401-530A-3	Sequence 3, Appli
5	598	62.1	175	2	US-08-709-662-3	Sequence 3, Appli
6	576	59.8	175	2	US-08-464-537-2	Sequence 2, Appli
7	576	59.8	175	2	US-08-401-530A-4	Sequence 4, Appli
8	576	59.8	175	2	US-08-709-662-4	Sequence 4, Appli
9	576	59.8	175	2	US-08-822-261-3	Sequence 3, Appli
10	570	59.2	174	1	US-07-778-556-7	Sequence 7, Appli
11	570	59.2	174	2	US-08-822-261-4	Sequence 4, Appli
12	570	59.2	174	2	US-08-422-166-7	Sequence 7, Appli
13	561	58.3	175	2	US-08-822-161-1	Sequence 1, Appli
14	557	57.8	184	1	US-07-778-156-2	Sequence 2, Appli
15	557	57.8	184	2	US-08-422-166-2	Sequence 2, Appli
16	518	53.8	174	2	US-08-401-530A-5	Sequence 5, Appli
17	518	53.8	174	2	US-08-709-662-5	Sequence 5, Appli
18	484	50.3	158	1	US-07-778-156-3	Sequence 3, Appli
19	484	50.3	158	2	US-08-422-166-3	Sequence 3, Appli
20	466	48.4	174	2	US-08-401-530A-6	Sequence 6, Appli
21	466	48.4	174	2	US-08-709-662-6	Sequence 6, Appli
22	402.5	41.8	166	2	US-08-729-103-4	Sequence 4, Appli
23	395.5	41.1	165	2	US-08-401-530A-7	Sequence 7, Appli
24	395.5	41.1	165	2	US-08-729-103-3	Sequence 3, Appli
25	395.5	41.1	165	2	US-08-709-662-7	Sequence 7, Appli
26	257.5	26.7	117	6	5514582-15	Patent No. 5514582
27	193	20.0	134	1	US-07-893-929A-7	Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-09-909-725-6

; Sequence 6, Application US/08909725
 ; Patent No. 5804421
 ; GENERAL INFORMATION:
 ; APPLICANT: Vinik, Aaron
 ; APPLICANT: Pittenger, Gary
 ; APPLICANT: Rafaeloff-Phail, Ronit
 ; APPLICANT: Barlow, Scott
 ; TITLE OF INVENTION: HIGH LEVEL EXPRESSION OF
 ; NUMBER OF SEQUENCES: 6
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Banner & Witcoff, Ltd.
 ; STREET: 1001 G Street, N.W.
 ; STATE: DC
 ; CITY: Washington
 ; ZIP: 20001
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSEQ FOR Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/909-725
 ; FILING DATE: 12-AUG-1997
 ; CLASSIFICATION: 435
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 08/741,096
 ; FILING DATE: 30-OCT-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kagan, Sarah A
 ; REGISTRATION NUMBER: 32,145
 ; REFERENCE/DOCKET NUMBER: 0570-05173
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-508-9100
 ; TELEFAX: 202-508-9299
 ; TELEX: 97430 BMB UT
 ; INFORMATION FOR SEQ ID NO: 6:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 175 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-909-725-6

Query Match Best Local Similarity 100.0% ; Score 963; DB 1; Pred. No. 1e-38; Length 175;

Matches 175; conservative 0; Mismatches 0; Indels 0; Gaps 0; Db 121 WSSNVLTIFYNWRNPSIADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 174

QY 1 MMPLPMTCRMSWMLSCLMFLSWVEGEESQQKKLPSRSRTCPQGSVAVGSYCYSVLIPQT 60
 1 MMPLPMTCRMSWMLSCLMFLSWVEGEESQQKKLPSRSRTCPQGSVAVGSYCYSVLIPQT 60

RESULT 3
 US-08-709-662-2
 Sequence 2, Application US/08709662
 Patent No. 5840531
 GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron I.
 Pitterger, Gary L.
 Rafeloff, Ronit
 Rosenberg, Lawrence
 Duguid, William P.
 TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 ISLET NEOGENESIS
 NUMBER OF SEQUENCES: 7

US-08-401-530A-2
 Sequence 2, Application US/08401530A
 Patent No. 5834560
 GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron I.
 Pitterger, Gary L.
 Rafeloff, Ronit
 Rosenberg, Lawrence
 Duguid, William P.
 TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 ISLET NEOGENESIS
 NUMBER OF SEQUENCES: 7

US-08-401-530A-3
 Sequence 2, Application US/08401530A
 Patent No. 5834560
 GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron I.
 Pitterger, Gary L.
 Rafeloff, Ronit
 Rosenberg, Lawrence
 Duguid, William P.
 TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 ISLET NEOGENESIS
 NUMBER OF SEQUENCES: 7

US-08-401-530A-4
 Sequence 3, Application US/08401530A
 Patent No. 5834560
 GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron I.
 Pitterger, Gary L.
 Rafeloff, Ronit
 Rosenberg, Lawrence

Matches 121 WSNELSCOMHFSCHLAFLSTGITEFVSSLVKNSLTAYQIWIGLHDPSHGTLPNGSGW 120
 1 WSNELSCOMHFSCHLAFLSTGITEFVSSLVKNSLTAYQIWIGLHDPSHGTLPNGSGW 120

QY 121 WSSNVLTIFYNWRNPSIADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 175
 121 WSSNVLTIFYNWRNPSIADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 175

Db 121 WSSNVLTIFYNWRNPSIADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 174

RESULT 2
 US-08-401-530A-2
 Sequence 2, Application US/08401530A
 Patent No. 5834560
 GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron I.
 Pitterger, Gary L.
 Rafeloff, Ronit
 Rosenberg, Lawrence
 Duguid, William P.
 TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 ISLET NEOGENESIS
 NUMBER OF SEQUENCES: 7

US-08-401-530A-3
 Sequence 2, Application US/08401530A
 Patent No. 5834560
 GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron I.
 Pitterger, Gary L.
 Rafeloff, Ronit
 Rosenberg, Lawrence
 Duguid, William P.
 TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 ISLET NEOGENESIS
 NUMBER OF SEQUENCES: 7

US-08-401-530A-4
 Sequence 3, Application US/08401530A
 Patent No. 5834560
 GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron I.
 Pitterger, Gary L.
 Rafeloff, Ronit
 Rosenberg, Lawrence

Computer Readable Form:
 Medium Type: Floppy disk
 Computer: IBM PC compatible
 Operating System: PC-DOS/MS-DOS
 Software: Patentin Release #1.0, Version #1.25
 Current Application Data:
 Application Number: US/08/709,662
 Filing Date: 09-SEP-1996
 Classification: 435
 Attorney/Agent Information:
 Name: Kagan, Sarah A.
 Registration Number: 32,141
 Reference/Docket Number: 00570-59178
 Telecommunication Information:
 Telephone: 202-508-9100
 Telefax: 202-508-9299
 Information for Seq ID No: 2:
 Sequence Characteristics:
 Length: 174 amino acids
 Type: amino acid
 Topology: linear
 Molecule Type: protein

US-08-709-662-2
 Query Match 99.5%; Score 958; DB 2; Length 174;
 Best Local Similarity 100.0%; Pred. No. 3.6e-98; Mismatches 0; Indels 0; Gaps 0;

QY 2 MLPMTCRMSWMLSCLMFLSWVEGEESQQKKLPSRSRTCPQGSVAVGSYCYSVLIPQTW 61
 1 MLPMTCRMSWMLSCLMFLSWVEGEESQQKKLPSRSRTCPQGSVAVGSYCYSVLIPQTW 60

Db 1 MLPMTCRMSWMLSCLMFLSWVEGEESQQKKLPSRSRTCPQGSVAVGSYCYSVLIPQTW 60

QY 62 SNAELSCOMHFSCHLAFLSTGITEFVSSLVKNSLTAYQIWIGLHDPSHGTLPNGSGW 121
 1 SNAELSCOMHFSCHLAFLSTGITEFVSSLVKNSLTAYQIWIGLHDPSHGTLPNGSGW 120

Db 61 SNAELSCOMHFSCHLAFLSTGITEFVSSLVKNSLTAYQIWIGLHDPSHGTLPNGSGW 120

QY 122 WSSNVLTIFYNWRNPSIADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 175
 122 WSSNVLTIFYNWRNPSIADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 175

Db 121 WSSNVLTIFYNWRNPSIADRGYCAVLSQKSGFQKWRDFNCENELPYICKFKV 174

RESULT 4
 US-08-401-530A-3
 Sequence 3, Application US/08401530A
 Patent No. 5834560
 General Information:
 APPLICANT: Vinik, Aaron I.
 Pitterger, Gary L.
 Rafeloff, Ronit
 Rosenberg, Lawrence

APPLICANT: Duguid, William P.
 TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Banner & Allegretti
 STREET: 1001 G Street, N.W.
 CITY: Washington
 STATE: D.C.
 COUNTRY: US
 ZIP: 20001-4597
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patientin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/709,662
 FILING DATE: 09-SEP-1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A.
 REGISTRATION NUMBER: 32,141
 REFERENCE/DOCKET NUMBER: 00570-59178
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-508-9100
 TELEFAX: 202-508-9299
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/401,530A
 FILING DATE: 22-FEB-1995
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A.
 REGISTRATION NUMBER: 32,141
 REFERENCE/DOCKET NUMBER: 00570-48743
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-508-9100
 TELEFAX: 202-508-9299
 ORIGINAL SOURCE: Rattus rattus
 US-08-709-662-3

SEQUENCE CHARACTERISTICS:
 LENGTH: 175 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Rattus rattus
 US-08-401-530A-3

Query Match 62.1%; Score 598; DB 2; Length 175;
 Best Local Similarity 61.6%; Pred. No. 2.1e-58;
 Matches 101; Conservative 30; Mismatches 33; Indels 0; Gaps 0;

Query 10 M\$WMLLSCMLFLSWEGESQQKKPLSSRTICPQGSVAVGSYCSLILIPOTWSNAELSCQ 69
 Db 10 M\$WMLLSCMLLSQVGEQSPKTPSARTSCPKSQAVGSYCSYCALFQPOTWFAELACQ 69
 Db 10 M\$WMLLSCMLLSQVGEQSPKTPSARTSCPKSQAVGSYCSYCALFQPOTWFAELACQ 69

Query 70 MHFSGLHAFLLSTGPITVSSVLVNLVAEASFVLSMYKNTGNSQYIIMGLHPTLGEPNGGWENSNNDIM 129
 Db 70 KRPEGHLYSVLNVAEASFVLSMYKNTGNSQYIIMGLHPTLGEPNGGWENSNNDIM 129

Query 130 FYNNERNPSTAADRGYCAVLSOKSGFQKWRDFENELPYICKF 173
 Db 130 YVNERNPSTAALDRGFCGSLSRSSGFLRNRDTCEVKLPYVCKF 173

RESULT 5
 US-08-709-662-3
 Sequence 3, Application US/08709662
 GENERAL INFORMATION:
 APPLICANT: Vinik, Aaron I.
 APPLICANT: Pittenger, Gary L.
 APPLICANT: Rafaeloff, Ronit
 APPLICANT: Rosenberg, Lawrence
 APPLICANT: Duguid, William P.
 TITLE OF INVENTION: INGAP PROTEIN INVOLVED IN PANCREATIC
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Banner & Witcoff, Ltd.
 STREET: 1001 G Street, N.W.
 CITY: Washington
 STATE: D.C.

COUNTRY: US
 ZIP: 20001-4597
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patientin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/709,662
 FILING DATE: 09-SEP-1996
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A.
 REGISTRATION NUMBER: 32,141
 REFERENCE/DOCKET NUMBER: 00570-59178
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-508-9100
 TELEFAX: 202-508-9299
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/401,530A
 FILING DATE: 22-FEB-1995
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Kagan, Sarah A.
 REGISTRATION NUMBER: 32,141
 REFERENCE/DOCKET NUMBER: 00570-48743
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-508-9100
 TELEFAX: 202-508-9299
 ORIGINAL SOURCE: Rattus rattus
 US-08-709-662-3

Query Match 62.1%; Score 598; DB 2; Length 175;
 Best Local Similarity 61.6%; Pred. No. 2.1e-58;
 Matches 101; Conservative 30; Mismatches 33; Indels 0; Gaps 0;

Query 10 M\$WMLLSCMLFLSWEGESQQKKPLSSRTICPQGSVAVGSYCSLILIPOTWSNAELSCQ 69
 Db 10 M\$WMLLSCMLLSQVGEQSPKTPSARTSCPKSQAVGSYCSYCALFQPOTWFAELACQ 69
 Db 10 M\$WMLLSCMLLSQVGEQSPKTPSARTSCPKSQAVGSYCSYCALFQPOTWFAELACQ 69

Query 70 MHFSGLHAFLLSTGPITVSSVLVNLVAEASFVLSMYKNTGNSQYIIMGLHPTLGEPNGGWENSNNDIM 129
 Db 70 KRPEGHLYSVLNVAEASFVLSMYKNTGNSQYIIMGLHPTLGEPNGGWENSNNDIM 129

Query 130 FYNNERNPSTAADRGYCAVLSOKSGFQKWRDFENELPYICKF 173
 Db 130 YVNERNPSTAALDRGFCGSLSRSSGFLRNRDTCEVKLPYVCKF 173

RESULT 6
 US-08-464-637-2
 Sequence 2, Application US/08464637
 GENERAL INFORMATION:
 APPLICANT: Ignanna, Juan-Lucio
 APPLICANT: Degorn, Jean-Charles
 APPLICANT: Keim, Volker
 APPLICANT: Sarles, Jacques
 TITLE OF INVENTION: Detection of Pancreatitis-Associated
 TITLE OF INVENTION: Protein for Diagnosis of Cystic Fibrosis or Pancreatic
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
 STREET: P.O. Box 747
 CITY: Falls Church
 STATE: Virginia
 COUNTRY: USA
 ZIP: 22040-3487
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patientin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/464,637

QY 1 MMLPMTLCRMSWNLSCMLFSLVVEGEESQKKLPSRTTCPOGSVAVGSYCYSLLIPQT 60
 Db 1 MLPMPALSVNWLSCMLFSLVGEQEPREPSARTRCPGSKAGSHCYALFLSPKS 60

QY 61 WSNELS COMFEGHLAGLULSTGEITFVSSLVNSLTAYQIWIIGLHDPSHGTLPNGSGW 120
 Db 61 WTDLACQKRPSGNLVSLGAEGSFVSSLVNSLTAYQIWIIGLHDPSHGTLPNGSGW 120

QY 121 KWSSNVLTIFYNERNPSIAADRGYCAVLQSOKSGFQKWRDFNCENELPYICKF 173
 Db 121 EWSDDVNMYFAWERNPSTISSPGHCASLSRSSTAFLRKDYNCNVRPYVCKF 173

RESULT 9
 US-08-822-261-3
 ; Sequence 3, Application US/08822261
 ; Patent No. 5935813
 ; GENERAL INFORMATION:
 ; APPLICANT: Hillman, Jennifer L.
 ; APPLICANT: Goli, Surya K.
 ; TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED
 ; NUMBER OF SEQUENCES: 6
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Incyte Pharmaceuticals, Inc.
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: Fastaso for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/822, 261
 ; FILING DATE: Filed Herewith
 ; CLASSIFICATION: 530
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PP-0251 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-855-0555
 ; TELEFAX: 415-855-4166
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 175 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; IMMEDIATE SOURCE:
 ; LIBRARY: GenBank
 ; CLONE: 262369
 ; US-08-822-261-3

Query Match Score 59.8%; Score 57%; DB 2; Length 175;
 Best Local Similarity 57.2%; Pred. No. 5.88-56;
 Matches 99; Conservative 35; Mismatches 39; Indels 0; Gaps 0;

QY 1 MMLPMTLCRMSWNLSCMLFSLVVEGEESQKKLPSRTTCPOGSVAVGSYCYSLLIPQT 60
 Db 1 MLPMPALSVNWLSCMLFSLVGEQEPREPSARTRCPGSKAGSHCYALFLSPKS 60

QY 61 WSNELS COMFEGHLAGLULSTGEITFVSSLVNSLTAYQIWIIGLHDPSHGTLPNGSGW 120
 Db 61 WTDLACQKRPSGNLVSLGAEGSFVSSLVNSLTAYQIWIIGLHDPSHGTLPNGSGW 120

Query Match Score 59.8%; Score 57%; DB 1; Length 175;
 Best Local Similarity 57.2%; Pred. No. 5.88-56;
 Matches 99; Conservative 35; Mismatches 39; Indels 0; Gaps 0;

QY 121 KWSSNVLTIFYNERNPSIAADRGYCAVLQSOKSGFQKWRDFNCENELPYICKF 173
 Db 121 EWSDDVNMYFAWERNPSTISSPGHCASLSRSSTAFLRKDYNCNVRPYVCKF 173

RESULT 11
 US-08-822-261-4
 ; Sequence 4, Application US/08822261

Patent No. 5935813
 GENERAL INFORMATION:
 APPLICANT: Hillman, Jennifer L.
 TITLE OF INVENTION: NOVEL HUMAN PANCREATITIS-ASSOCIATED PROTEIN
 NUMBER OF SEQUENCES: 6
 ADDRESSEE: Incyte Pharmaceuticals, Inc.
 STREET: 3174 Porter Drive
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94304

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/822,261
 FILING DATE: Filed Herewith
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Billings, Lucy J.
 REGISTRATION NUMBER: 36,749
 REFERENCE/DOCKET NUMBER: PF-0251 US

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-855-0555
 TELEFAX: 415-855-4166

INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 174 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: GenBank
 CLONE: 189601
 US-08-822-261-4

Query Match 59.2% Score 570; DB 2; Length 174;
 Best Local Similarity 57.0%; Pred. No. 2.6e-55;
 Matches 98; Conservative 35; Mismatches 39; Indels 0; Gaps 0;

QY 1 MMLPMTLCRMSSMILLCMELMSWVEGEPSOKKPLPSSRITCPOGSVAYGSYCYSYLIPQT 60
 Db 1 MLLPPMALPSVSMILLCMELMSWVEGEPSOKKPLPSSRITCPOGSVAYGSYCYSYLIPQT 60

QY 61 WSNAEELSCOMHFGSHLAFLLSTGEITFVSSLVKNSLTAYIWIGLHDPSHGTLPNWSGW 120
 Db 61 WTDADLACQKRPSGNLVSVLSAEGSPVSSLVKSIGNSYSSVWIGLHDPTGTEPNEGW 120

QY 121 KWSSNVLTFTYWWERNPSTAADRGYCAVLSOKSGFQKWRDENCENELPYICK 172
 Db 121 EWSSSDVMNYFAWERNPSTAISPGHCASLSRSTAFLRWKDNCNRVPYVCK 172

QY 121 KWSSNVLTFTYWWERNPSTAADRGYCAVLSOKSGFQKWRDENCENELPYICK 172
 Db 121 EWSSSDVMNYFAWERNPSTAISPGHCASLSRSTAFLRWKDNCNRVPYVCK 172

RESULT 12 US-08-822-261-4
 Sequence 7, Application US/0842166
 Patent No. 5953086
 GENERAL INFORMATION:
 APPLICANT: JOVANNA, JUAN-LUCIO
 APPLICANT: KEIM, VOLKER
 APPLICANT: DAGORN, JEAN-CHARLES
 TITLE OF INVENTION: PROTEIN ASSOCIATED WITH ACUTE PANCREATITIS, AGENTS FOR THE DIAGNOSIS OF ACUTE PANCREATITIS
 NUMBER OF SEQUENCES: 12

Page 8

Result No.	Score	Query Match	Length	DB ID	Description
<hr/>					
1	576	59.8	183	10	US-09-925-301-1013 Sequence 1013, Ap
2	561	58.3	175	9	US-09-978-295A-452 Sequence 452, App
3	561	58.3	175	9	US-09-978-697-452 Sequence 452, App
4	561	58.3	175	9	US-09-978-192A-452 Sequence 452, App
5	561	58.3	175	9	US-09-999-832A-452 Sequence 452, App
6	561	58.3	175	9	US-09-978-189-452 Sequence 424, App
7	561	58.3	175	9	US-10-174-590-424 Sequence 424, App
8	561	58.3	175	9	US-10-176-758-424 Sequence 424, App
9	561	58.3	175	9	US-10-175-737-424 Sequence 424, App
10	561	58.3	175	9	US-10-173-706-424 Sequence 424, App
11	561	58.3	175	9	US-10-175-738-424 Sequence 424, App
12	561	58.3	175	9	US-10-175-752-424 Sequence 424, App
13	561	58.3	175	9	US-10-176-482-424 Sequence 424, App
14	561	58.3	175	9	US-10-176-557-424 Sequence 424, App
15	561	58.3	175	9	US-10-176-913-424 Sequence 424, App
16	561	58.3	175	9	US-10-180-552-424 Sequence 424, App
17	561	58.3	175	9	US-10-180-557-424 Sequence 424, App
18	561	58.3	175	9	US-10-173-700-424 Sequence 424, App
19	561	58.3	175	9	US-10-174-572-424 Sequence 424, App

Patent No. US20020156006A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Bolstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillian, Kenneth J.
 APPLICANT: Kjavin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James;
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2650P1C1
 CURRENT APPLICATION NUMBER: US/09/978-295A
 CURRENT FILING DATE: 2001-10-15
 PRIOR APPLICATION NUMBER: 09/18585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/077450
 PRIOR FILING DATE: 1998-03-10
 PRIOR APPLICATION NUMBER: 60/077632
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077641
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/077649
 PRIOR FILING DATE: 1998-03-11
 PRIOR APPLICATION NUMBER: 60/078886
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079294
 PRIOR FILING DATE: 1998-03-20
 PRIOR APPLICATION NUMBER: 60/079656
 PRIOR FILING DATE: 1998-03-26
 PRIOR APPLICATION NUMBER: 60/079664
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079689
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/083496
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083499
 PRIOR FILING DATE: 1998-04-29

PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079728
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079786
 PRIOR FILING DATE: 1998-03-27
 PRIOR APPLICATION NUMBER: 60/079920
 PRIOR FILING DATE: 1998-03-30
 PRIOR APPLICATION NUMBER: 60/079923
 PRIOR FILING DATE: 1998-03-30
 PRIOR APPLICATION NUMBER: 60/080105
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080107
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080165
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080194
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080327
 PRIOR FILING DATE: 1998-03-31
 PRIOR APPLICATION NUMBER: 60/080328
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/080333
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/080334
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/080345
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/080349
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/080353
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/080354
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/080355
 PRIOR FILING DATE: 1998-04-01
 PRIOR APPLICATION NUMBER: 60/081049
 PRIOR FILING DATE: 1998-04-08
 PRIOR APPLICATION NUMBER: 60/081071
 PRIOR FILING DATE: 1998-04-08
 PRIOR APPLICATION NUMBER: 60/081070
 PRIOR FILING DATE: 1998-04-08
 PRIOR APPLICATION NUMBER: 60/081049
 PRIOR FILING DATE: 1998-04-09
 PRIOR APPLICATION NUMBER: 60/081071
 PRIOR FILING DATE: 1998-04-09
 PRIOR APPLICATION NUMBER: 60/081195
 PRIOR FILING DATE: 1998-04-15
 PRIOR APPLICATION NUMBER: 60/081203
 PRIOR FILING DATE: 1998-04-09
 PRIOR APPLICATION NUMBER: 60/081229
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 PRIOR APPLICATION NUMBER: 60/085697

Query Match 58.3%; Score 561; DB 9; Length 175;
 Best Local Similarity 55.2%; Pred. No. 5.2e-49;
 Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMWSMILSCLMLFSWVEGEESQKKLPSRSITCPQGSVAGSYCSYLIPQT 60
 Db 1 MLPPNMLAPSVMWSMILSCLMLCVQGETQKELPLSPRSCPKSAGSPCYALFLSPKS 60
 Qy 61 WSNRELSOMHFSCHLAFLSTGBITFVSSLVYNSLTAYQIWTIGLADPSSHGTLPNSGW 120
 Db 61 WMDADACOKRPSGKLVSVLSGAEGSFYSSLYVNSYTSYIWTGLHDPTQSEPDGDW 120
 Qy 121 KWSSSVNLTYFNWERNPSTAIDQWRCAYLQLSQSGFQKWRDFNGENELPYICKF 174
 Db 121 EWSSTDVNYFANEKNPSTILNGHCGSLSRSTGFLWKWDYNDAKLPYVCERK 174

RESULT 3
 US-09-978-697-452

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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496

Query Match	58.3%	Score 561;	DB 9;	Length 175;
Best Local Matches	55.2%	Pred. No. 5.2.e-49;		
Matches	96;	Conservative	38; Mismatches 40;	Indels 0; Gaps 0;
Y	1	MMLPPTLCRMWMILSCLMFSLWVEGBESQQKKLUPSSRITCPOGSVAYGSYCYSYLIPQ	60	
b	1	MLLPPMHALPSYWSWMILSCLLICQVQGEETBQKELPSPRISCPKGSKAGSPCYALFLSPKS	60	
Y	61	WSNAELSOMFSGHALFLISTGEITFVSSLVYKNSLTAYQIWIGLHDPSHGTLPNGSCW	120	
b	61	WMDADIAQCKRPSGKLVSLVSAEAGSPSYSSVRSISNSYSWIGLHDPTQGSEPDGDW	120	
Y	121	KWSSANVLTFWNWERNPSSIAADGRGYCAVLSSOKSGFQRWDNFQENELPYTICKFK	174	
b	121	EWSSTDVMNYFAWEKNPSTIILNPGRGCSLSRSTGFLKWKDINGDAKLBYVCKPK	174	

RESULT 4

US-09-978-192A-452
 ; Sequence 452, Application US/09978192A

; Patent No. US2017755A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kjavian, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William T.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acid Encoding the Same
 FILE REFERENCE: P2630P1C9
 CURRENT APPLICATION NUMBER: US/09/978,192A
 CURRENT FILING DATE: 2001-10-15
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
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Query Match 58 - 3%; Score 561; DB 9; Length 175;
 Best Local Similarity 55.2%; Pred. No. 5.2e-49;
 Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

Qy 1 MMLPMTLCRMSWMLSCMLFLSWYEGEESQKKLPSRSRITCPQQSVAYGSYCYSLSLILPQT 60
 Db 1 WSNALSCQMHESGHLAFLSLSTGETFVSSLYKNSLTAYQIYINGLHDPSHGNLPNNGSW 120
 Qy 61 WSNALSCQMHESGHLAFLSLSTGETFVSSLYKNSLTAYQIYINGLHDPSHGNLPNNGSW 120
 Db 61 WMDADLACQRPSGRKLVLVSLSGAEFSVSSLVRSLISNSYSYIYNGLHDPTGDDGW 120
 Qy 121 KWSSSNVLIFYNWERNPSLAADRGYCAVLUSQKSFQKWDENCENELPYICKK 174
 Db 121 EWSSTDVMNYFAWERKNPSTLNPGHCGSLSRSFGFLKNDYNCDAKLPYVCKEK 174

RESULT 5
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 ; Publication No US200201932706A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Boststein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
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 ; APPLICANT: Fong, Sherman
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 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
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 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and transmembrane polypeptides and nucleic
 ; FILE REFERENCE: P26301C53
 ; CURRENT APPLICATION NUMBER: US/09/999,832A
 ; CURRENT FILING DATE: 2001-10-24
 ; PRIOR APPLICATION NUMBER: 60/084441
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

```

Query Match	Score	DB	Length
Best Local Similarity	58.3%	9	175;
Matches	55.28;	Pred.	No. 5.2e-49;
Conservative	38;	Mismatches	40;
		Indels	0;
		Gaps	0;

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QY      1 MMLPMTLCRMSWMLSCLMFLSWVEGEESQQKLPSRRTCPQGSVAVGSCYLILIPQT 60
Db      1 MLPMPALPSWMLSCLMFLCQVQGETTQKEPLSPRSCKSCKGSPCVALFSPKS 60
QY      61 WSNAELSCOMHESCHLAFLSTGTIFVSYLVRNSLTAYQIWGLHDPSHGTLPNGSGW 120
Db      61 WMDADLACKRPSGKLVSLSGREGSFVSYLVRISNSYIWGLHDPTQGSEPDGDW 120
QY      121 KWSSNVLTFTYNNWRNPSTAADGYCAVLSKQGFQKRDENCENEIPLYICFK 174
Db      121 EWSSTDVMMYFAWEKNPSTLNPGHCGLSRSTGFLKWNKDYNCDAKLPYVCKFK 174

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RESULT 6
US-09-978-189-452
Sequence 452, Application US/09978189
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same
FILE REFERENCE: P2610P1C7

CURRENT APPLICATION NUMBER: US/09/978,189
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/18585
PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12

PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13

PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25

PRIOR APPLICATION NUMBER: 60/079655
PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29

PRIOR FILING DATE: 1998-03-27 ;
PRIOR APPLICATION NUMBER: 60/079689 ;
PRIOR FILING DATE: 1998-03-27 ;
PRIOR APPLICATION NUMBER: 60/079653 ;
PRIOR FILING DATE: 1998-03-27 ;
PRIOR APPLICATION NUMBER: 60/079728 ;
PRIOR FILING DATE: 1998-03-27 ;
PRIOR APPLICATION NUMBER: 60/079786 ;
PRIOR FILING DATE: 1998-03-27 ;
PRIOR APPLICATION NUMBER: 60/079920 ;
PRIOR FILING DATE: 1998-03-30 ;
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PRIOR FILING DATE: 1998-03-31 ;
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PRIOR FILING DATE: 1998-03-31 ;
PRIOR APPLICATION NUMBER: 60/080194 ;
PRIOR FILING DATE: 1998-03-31 ;
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PRIOR APPLICATION NUMBER: 60/082795 ;
PRIOR FILING DATE: 1998-04-23 ;
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PRIOR FILING DATE: 1998-04-27 ;
PRIOR APPLICATION NUMBER: 60/083322 ;
PRIOR FILING DATE: 1998-04-28 ;
PRIOR APPLICATION NUMBER: 60/083392 ;
PRIOR FILING DATE: 1998-04-29 ;
PRIOR APPLICATION NUMBER: 60/083495 ;
PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
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PRIOR APPLICATION NUMBER: 60/083554
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PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 58 3%; Score 561; DB 9; Length 175;
Best Local Similarity 55.2%; Pred. No. 5.2e-49;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

QY 1 MMMPMTLCRMSSWMLSLCLMFLSWVEGEESQQKKLPSSRITCPQSSVAVGSYCSLSLIPQT 60
Db 1 MLPPBMALPSVSMWSWMLSLCLCQVQEETQQKELSPRISCPKGSKAYSCPCYALFLSPKS 60

QY 61 WSNELSCOMHFSQHSLAFLSTGETTFSVLYNSLTAYQYTWIGLHPDSHGTLPGNGSGW 120
Db 61 WMDADLACKRPSERKLVSLSGAGSFVSVLRSNSSYIWIGLHPDTQGSPBPDGW 120

QY 121 KWSSNNVLTYNNWERNPSTAADRGYCAYLSOKSGFQKWRDENCENELPYICKF 174
Db 121 EWSSTDVNNYFAWEKNPSTILNPCHGCGSLSRSTGFLWKWDYNDAKLPYVCKF 174

RESULT 7
US-10-174-590-424 ; Sequence 4 24, Application US/10174590
; Publication No. US20030008352A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen,Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Pan,James
; APPLICANT: Smith,Victoria
; APPLICANT: Waranabe,Collin K.
; APPLICANT: Wood,William I.
; APPLICANT: Zhang,Zemin
; TITLE OF INVENTION: SECREDEN AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C12
; CURRENT APPLICATION NUMBER: US/10/174,590
; CURRENT FILING DATE: 2002-06-18
; PRIOR application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO: 424
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-174-590-424 ; Sequence 4 24, Application US/10174590
; Publication No. 5.2e-49;
; Best Local Similarity 55.2%; Mismatches 38; Indels 0; Gaps 0;

Query Match 58 3%; Score 561; DB 9; Length 175;
Best Local Similarity 55.2%; Pred. No. 5.2e-49;
Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;

Qy 1 MMPLPMTLCRMSSWMLSLCLMFLSWVEGEESQQKKLPSSRITCPQSSVAVGSYCSLSLIPQT 60
Db 1 MLPPBMALPSVSMWSWMLSLCLCQVQEETQQKELSPRISCPKGSKAYSCPCYALFLSPKS 60

Qy 61 WSNELSCOMHFSQHSLAFLSTGETTFSVLYNSLTAYQYTWIGLHPDSHGTLPGNGSGW 120
Db 61 WMDADLACKRPSERKLVSLSGAGSFVSVLRSNSSYIWIGLHPDTQGSPBPDGW 120

Qy 121 KWSSNNVLTYNNWERNPSTAADRGYCAYLSOKSGFQKWRDENCENELPYICKF 174
Db 121 EWSSTDVNNYFAWEKNPSTILNPCHGCGSLSRSTGFLWKWDYNDAKLPYVCKF 174

RESULT 8
US-10-176-758-424 ; Sequence 4 24, Application US/10176758
; Publication No. US20030008353A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen,Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Pan,James
; APPLICANT: Smith,Victoria
; APPLICANT: Waranabe,Collin K.
; APPLICANT: Wood,William I.
; APPLICANT: Zhang,Zemin
; TITLE OF INVENTION: SECREDEN AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C104
; CURRENT APPLICATION NUMBER: US/10/176,758
; CURRENT FILING DATE: 2002-06-21
; PRIOR application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO: 424
; LENGTH: 175

; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-175-758-424
 Query Match 58.3%; Score 561; DB 9; Length 175;
 Best Local Similarity 55.2%; Pred. No. 5.2e-49;
 Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;
 SEQ ID NO: 424
 RESULT 9
 US-10-175-737-424
 Sequence 424, Application US/10175737
 Publication No. US20030013153A1.
 GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P340R1C50
 CURRENT FILING DATE: 2002-06-19
 PRIOR APPLICATION removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 612
 LENGTH: 175
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-175-706-424
 Query Match 58.3%; Score 561; DB 9; Length 175;
 Best Local Similarity 55.2%; Pred. No. 5.2e-49;
 Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;
 SEQ ID NO: 424
 RESULT 11
 US-10-175-738-424
 Sequence 424, Application US/10175738
 Publication No. US2003002294A1.
 GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P340R1C50
 CURRENT FILING DATE: 2002-06-19
 PRIOR APPLICATION removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 612
 LENGTH: 175
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-175-738-424
 Query Match 58.3%; Score 561; DB 9; Length 175;
 Best Local Similarity 55.2%; Pred. No. 5.2e-49;
 Matches 96; Conservative 38; Mismatches 40; Indels 0; Gaps 0;
 SEQ ID NO: 424
 RESULT 10
 US-10-173-706-424
 Sequence 424, Application US/10173706
 Publication No. US2003002293A1.
 GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Chen, Jian
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Pan, James
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William I.
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P340R1C45
 CURRENT APPLICATION NUMBER: US/10/175,738
 CURRENT FILING DATE: 2002-06-19
 PRIOR APPLICATION removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 612
 LENGTH: 175
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 US-10-175-738-424

RESULT 12	
Qy	1 MMLMTLICRMSSWMLLSCLMFLSWEVEESQKLPSSRITCPGGSVAYGSYCSYLILIPQT 60 1 MLPPMALLPSVSWMLLSCLMFLSWEVEESQKLPSSRITCPGGSVAYGSYCSYLILIPQT 60
Db	1 MLPPMALLPSVSWMLLSCLMFLSWEVEESQKLPSSRITCPGGSVAYGSYCSYLILIPQT 60 1 WSNELSCOMHFGSHLAFLLSTGEITFVSSLVYKNSLTAYQIWIGLHDPTGSEPDGDW 124
Qy	1 WSNELSCOMHFGSHLAFLLSTGEITFVSSLVYKNSLTAYQIWIGLHDPTGSEPDGDW 124 1 WMDADLACOKRPSSKLVSVLSGEGSFVSSLVRISNSYSIWIGLHDPTGSEPDGDW 124
Db	1 WMDADLACOKRPSSKLVSVLSGEGSFVSSLVRISNSYSIWIGLHDPTGSEPDGDW 124 1 EWSSTDVNYFAWEKNPSTILNGHCSSLRSRTGFLWKDYNCDAKLPYVCKFK 174
RESULT 13	
Qy	1 KWSSSNVLTIFYNERNPSTAADGCGAVLSQSKGSFQKWRDFNCENELPYICKFK 174 1 EWSSTDVNYFAWEKNPSTILNGHCSSLRSRTGFLWKDYNCDAKLPYVCKFK 174
Db	1 EWSSTDVNYFAWEKNPSTILNGHCSSLRSRTGFLWKDYNCDAKLPYVCKFK 174

QY	121	KWSSSNVLTFTYNNWERNPSTAADRGYCAYLSQSFGQKWFRENCENELPYICKPK FWSSTDWNYKPNSTTINPGHCSSSLSTGFLKWCYNCDAKLYCCEK	174
mp	121	FWSSTDWNYKPNSTTINPGHCSSSLSTGFLKWCYNCDAKLYCCEK	174

RESULT 15
US-10-176-913-424
Sequence 424, Application US/10176913
Publication No. US20030102298A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria K.
APPLICANT: Watanabe, Colin I.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zenmin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C66
CURRENT APPLICATION NUMBER: US/10/176,913
CURRENT FILING DATE: 2002-06-20
Prior Application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 424
LENGTH: 175
TYPE: PRT
ORGANISM: Homo Sapiens
US-10-176-913-424

Query	Match	Score	561;	DB	9;	Length	175;
Best Local	Similarity	58.3%					
Matches	96;	5.2e-49;	Pred.	No.	5		
QY	1 MMLPMTLCRMWSMILSCLMFLSWVEGEESOKKLPSRSLITCPGSAVYGSCYCYSLSLIPOT	60					
Db	1 MLPPMALPSWSMILSCLMFLSWVEGEESOKKLPSRSLITCPGSAVYGSCYCYSLSLIPOT	60					
QY	61 WSNAELSCQMHSFGHLAFLSTGELETFVSSLYKNSLTAYQIWIGLHDPSHGTLPNGSW	120					
Db	61 WMDADACQRPSGRKVSVLSGAEGSFVSSLVRSTSNSYTSYIWIGLHDPTQSEPDGDW	120					
QY	121 KWSSSNVNLTPYNNWERNPNSIAHADRGCAVLSOKSGFROKWKRDENCENEPLYICKFK	174					
Db	121 EWSSTDIVMANFEAWENPNSIAHADRGCAVLSOKSGFROKWKRDENCENEPLYICKFK	174					

Search completed: February 14, 2003, 02:28:18